

No. _____



GIVEN BY

Frank C. Blaisdell

FIFTY-EIGHTH REPORT
OF
BIRTHS, MARRIAGES, AND DEATHS
IN
MASSACHUSETTS.
RETURNS OF LIBELS FOR DIVORCE,
AND RETURNS OF DEATHS INVESTIGATED BY THE
MEDICAL EXAMINERS,
FOR THE YEAR 1899.

PREPARED BY THE
SECRETARY OF THE COMMONWEALTH.

EDITED BY
FRANCIS A. HARRIS, M.D.

BOSTON:
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
18 POST OFFICE SQUARE.
1900.

1d. cont,

Frank B. Blaisdell,

Jan, 31, 1901.

* 6457.1

58th Report,
1899,

YARRALL CLUB

NOT 208

Commonwealth of Massachusetts.

OFFICE OF THE SECRETARY, BOSTON, Oct. 20, 1900.

To the Honorable Senate and the House of Representatives.

I have the honor to submit herewith, as required by law, the Fifty-eighth Annual Registration Report, relating to the births, marriages and deaths occurring in Massachusetts and registered in the several cities and towns during the year ending Dec. 31, 1899; and containing, also, the reports relating to libels for divorce in the several counties, and the returns of deaths the causes and manner of which have been investigated by the medical examiners during the year 1899.

In tabulating returns of births and deaths still-births are not included. The only record of still-births appears in Table III.

The rule adopted in the report of 1891 of restricting the exhibition of tabular results to such as are plainly of practical utility within the meaning of the statute by authority of which the tables are prepared, is continued, and the report is again edited by FRANCIS A. HARRIS, M.D.

Very respectfully, your obedient servant,

WM. M. OLIN,
Secretary of the Commonwealth.

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Fifty-eighth

ANNUAL REPORT

OF

BIRTHS, MARRIAGES, AND DEATHS,

REGISTERED IN

MASSACHUSETTS,

FOR THE YEAR ENDING DECEMBER 31, 1899.

TABLE I. — POPULATION [1895], — BIRTHS,

General Abstract, exhibiting, in Connection with the Population Deaths registered in Each County and Town in Massachusetts Children Born, the Nativity of Persons Married, and the Sex, ber who Died.

THE STATE AND COUNTIES.	Population, State Census, 1895.	BIRTHS.								
		Whole No.	SEX.			PARENTAGE.				
			M.	F.	Unk.	Na- tive.	For.	Na. Fa. and For. Mo.	For. Fa. and Na. Mo.	Unk.
MASSACHUSETTS, .	2,500,183	70,457	36,199	34,258	-	22,409	34,238	7,139	6,465	206
BARNSTABLE, .	27,654	470	253	217	-	280	105	43	40	2
BERKSHIRE, .	86,292	2,190	1,087	1,103	-	1,061	694	212	220	3
BRISTOL, . .	219,019	7,762	4,099	3,663	-	1,654	4,701	700	698	9
DUKES, . .	4,238	59	30	29	-	31	22	3	3	-
ESSEX, . .	330,393	8,097	4,118	3,979	-	2,855	3,534	901	796	11
FRANKLIN, . .	40,145	800	413	387	-	438	236	63	62	1
HAMPDEN, . .	152,938	5,117	2,668	2,449	-	1,556	2,591	514	455	1
HAMPSHIRE, .	54,710	1,210	608	602	-	505	476	120	109	-
MIDDLESEX, .	499,217	13,360	6,802	6,558	-	4,193	6,261	1,503	1,288	115
NANTUCKET, .	3,016	38	18	20	-	27	3	6	2	-
NORFOLK, . .	134,819	3,295	1,706	1,589	-	1,251	1,346	371	318	9
PLYMOUTH, .	101,498	2,194	1,131	1,063	-	1,120	651	224	194	5
SUFFOLK, . .	539,799	17,294	8,863	8,431	-	4,568	9,624	1,635	1,422	45
WORCESTER, .	306,445	8,571	4,403	4,168	-	2,870	3,994	844	858	5

MARRIAGES, AND DEATHS, 1899.

according to the State Census of 1895, the Births, Marriages, and during the Year 1899,—distinguishing the Sex and the Parentage of Nativity, and Aggregate and Average Ages by Counties of the Num-

MARRIAGES.						DEATHS.								
Couples.	NATIVITY.					Persons.	SEX.		NATIVITY.			No. whose Ages are registered.	AGE.	
	Na- tive.	For.	Na. Groom.	For. Groom.	Unk.		M.	F.	Na- tive.	For.	Unk.		Agg'te.	Av'ge.
23,523	10,302	7,732	2,916	2,539	4	47,710	24,304	23,406	34,310	12,934	466	47,680	1,719,543	36·06
218	169	22	11	16	-	463	243	220	428	32	3	463	22,259	48·08
606	360	117	67	62	-	1,436	691	745	1,084	332	20	1,433	57,719	40·28
2,358	907	921	274	256	-	4,849	2,476	2,373	3,470	1,339	40	4,848	146,828	30·29
17	12	2	2	1	-	88	44	44	73	10	5	88	2,867	32·58
2,801	1,301	827	369	303	1	6,057	* 2,985	3,072	4,523	1,488	46	6,051	222,749	36·81
288	197	41	22	28	-	623	317	306	511	105	7	622	30,489	49·02
1,480	636	553	139	151	1	2,890	1,458	1,432	2,093	767	30	2,888	97,373	33·72
462	259	121	40	42	-	900	455	445	705	183	12	900	42,352	47·06
4,247	1,773	1,385	612	477	-	8,954	4,528	4,426	6,326	2,520	108	8,950	329,673	36·83
13	8	-	3	2	-	69	29	40	61	8	-	69	4,248	61·57
982	512	248	124	97	1	2,177	1,144	1,033	1,638	514	25	2,171	90,460	41·67
797	493	135	96	73	-	1,708	934	774	1,385	307	16	1,706	65,605	38·46
6,576	2,381	2,569	883	743	-	11,946	6,160	5,786	7,892	3,938	116	11,944	394,514	33·03
2,678	1,294	791	304	288	1	5,550	2,840	2,710	4,121	1,391	38	5,547	212,407	38·29

* Including 44 fishermen lost at sea.

TABLE I. — *Births, Marriages, and Deaths,*

COUNTIES AND TOWNS.	Population, State Census, 1895.	BIRTHS.								
		Whole No.	SEX.			PARENTAGE.				
			M.	F.	Unk.	Na- tive.	For.	Na. Fa. and For. Mo.	For. Fa. and Na. Mo.	Unk.
BARNSTABLE, .	27,654	470	253	217	-	280	105	43	40	2
Barnstable, . .	4,055	71	35	36	-	54	2	13	1	1
Bourne, . . .	1,580	17	9	8	-	11	1	5	-	-
Brewster, . . .	901	4	2	2	-	3	1	-	-	-
Chatham, . . .	1,809	24	12	12	-	20	-	2	2	-
Dennis, . . .	2,545	26	15	11	-	25	1	-	-	-
Eastham, . . .	476	7	5	2	-	7	-	-	-	-
Falmouth, . . .	2,655	42	27	15	-	25	11	4	1	1
Harwich, . . .	2,532	50	23	27	-	28	17	5	-	-
Mashpee, . . .	330	14	5	9	-	14	-	-	-	-
Orleans, . . .	1,198	16	10	6	-	16	-	-	-	-
Provincetown, .	4,555	139	80	59	-	39	62	8	30	-
Sandwich, . . .	1,580	20	12	8	-	14	3	3	-	-
Truro, . . .	815	14	4	10	-	7	3	-	4	-
Wellfleet, . . .	968	11	7	4	-	8	1	1	1	-
Yarmouth, . . .	1,655	15	7	8	-	9	3	2	1	-
BERKSHIRE, .	86,292	2,190	1,087	1,103	-	1,061	694	212	220	3
Adams, . . .	7,837	349	182	167	-	80	203	35	31	-
Alford, . . .	280	4	2	2	-	4	-	-	-	-
Becket, . . .	888	12	6	6	-	11	-	-	1	-
Cheshire, . . .	1,176	23	11	12	-	13	5	3	2	-
Clarkeburg, . .	1,009	25	13	12	-	13	6	3	3	-
Dalton, . . .	3,210	46	24	22	-	35	6	5	-	-
Egremont, . . .	836	2	1	1	-	2	-	-	-	-
Florida, . . .	425	13	6	7	-	8	2	-	3	-
Gt. Barrington, .	4,794	115	64	51	-	62	32	13	8	-
Hancock, . . .	511	7	4	3	-	6	1	-	-	-
Hinsdale, . . .	1,650	27	16	11	-	20	1	1	5	-
Lanesborough, .	848	15	6	9	-	12	-	1	2	-
Lee, . . .	4,066	99	54	45	-	64	19	7	8	1
Lenox, . . .	2,872	65	36	29	-	27	22	8	8	-
Monterey, . . .	464	7	4	3	-	5	-	1	1	-
Mt. Washington, .	136	3	-	3	-	1	1	-	1	-
New Ashford, . .	116	2	2	-	-	2	-	-	-	-
New Marlborough, .	1,238	16	9	7	-	14	-	2	-	-
North Adams, . .	19,135	612	292	320	-	229	241	65	77	-
Otis, . . .	518	4	1	3	-	4	-	-	-	-
Peru, . . .	305	6	2	4	-	2	2	1	1	-
Pittsfield, . . .	20,461	495	229	266	-	285	110	44	55	1
Richmond, . . .	701	9	3	6	-	6	2	1	-	-
Sandisfield, . . .	802	10	6	4	-	9	1	-	-	-
Savoy, . . .	504	15	8	7	-	14	1	-	-	-
Sheffield, . . .	1,897	28	15	13	-	27	-	1	-	-
Stockbridge, . . .	2,077	29	13	16	-	23	3	2	1	-
Tyringham, . . .	363	4	2	2	-	3	-	1	-	-
Washington, . . .	423	6	5	1	-	2	1	1	2	-
W. Stockbridge, .	1,257	20	9	11	-	16	2	-	2	-
Williamstown, . .	4,887	110	57	53	-	53	32	15	9	1
Windsor, . . .	556	12	5	7	-	9	1	2	-	-
BRISTOL, . .	219,019	7,762	4,099	3,663	-	1,654	4,701	700	698	9
Acushnet, . . .	1,115	23	15	8	-	20	3	-	-	-
Attleborough, . .	8,288	210	115	95	-	73	90	22	25	-
Berkley, . . .	955	12	5	7	-	7	2	2	1	-
Dartmouth, . . .	3,107	44	26	18	-	18	22	3	1	-
Dighton, . . .	1,797	38	21	17	-	21	13	2	2	-
Easton, . . .	4,452	97	49	48	-	35	40	14	8	-
Fairhaven, . . .	3,338	77	38	39	-	43	25	5	4	-
Fall River, . . .	89,203	3,987	2,132	1,855	-	580	2,654	380	370	3
Freetown, . . .	1,405	16	9	7	-	13	1	2	-	-
Mansfield, . . .	3,722	79	39	40	-	56	10	9	4	-
New Bedford, . .	55,251	2,065	1,079	986	-	376	1,365	144	174	6
No. Attleborough, .	6,576	142	69	73	-	66	46	23	17	-

Registered during the Year 1899—Continued.

MARRIAGES.							DEATHS.									
Couples.	NATIVITY.					Persons.	SEX.		NATIVITY.			No. whose Ages are registered.	AGE.			
	Na- tive.	For.	Na. Groom.	For. Groom.	Unk.		M.	F.	Na- tive.	For.	Unk.		Agg'te.	Av'ge.		
218	169	22	11	16	-	463	243	220	428	32	3	463	22,259	48.08		
37	25	6	5	1	-	64	31	33	63	1	-	-	-	-	-	
19	14	4	-	1	-	25	14	11	25	-	-	-	-	-	-	
3	1	-	2	-	-	16	8	8	15	1	-	-	-	-	-	
11	11	-	-	-	-	25	12	13	24	1	-	-	-	-	-	
17	16	-	-	1	-	32	15	17	30	2	-	-	-	-	-	
4	4	-	-	-	-	7	6	2	6	1	-	-	-	-	-	
21	14	3	1	3	-	56	26	30	52	2	2	-	-	-	-	
28	25	2	-	1	-	41	25	16	39	2	-	-	-	-	-	
3	3	-	-	-	-	14	10	4	14	-	-	-	-	-	-	
9	8	-	1	-	-	24	13	11	24	-	-	-	-	-	-	
31	17	6	1	7	-	68	34	34	50	18	-	-	-	-	-	
11	9	-	1	1	-	28	15	13	28	-	-	-	-	-	-	
5	5	-	-	-	-	15	7	8	13	2	-	-	-	-	-	
7	7	-	-	-	-	25	14	11	23	1	1	-	-	-	-	
12	10	1	-	1	-	23	14	9	22	1	-	-	-	-	-	
606	360	117	67	62	-	1,436	691	745	1,084	332	20	1,433	57,719	40.28		
89	24	50	9	6	-	184	95	89	129	54	1	-	-	-	-	
4	4	-	-	-	-	9	4	5	9	-	-	-	-	-	-	
3	3	-	-	-	-	22	6	16	13	9	-	-	-	-	-	
5	5	-	-	-	-	22	15	7	17	5	-	-	-	-	-	
2	2	-	-	-	-	22	13	9	18	4	-	-	-	-	-	
17	14	1	2	-	-	55	18	37	42	13	-	-	-	-	-	
7	6	1	-	-	-	9	4	5	8	-	1	-	-	-	-	
1	1	-	-	-	-	4	3	1	3	-	1	-	-	-	-	
48	38	4	3	3	-	87	44	43	72	12	3	-	-	-	-	
2	2	-	-	-	-	11	3	8	10	1	-	-	-	-	-	
15	11	1	1	2	-	20	5	15	13	7	-	-	-	-	-	
5	5	-	-	-	-	15	8	7	14	1	-	-	-	-	-	
25	21	1	1	2	-	58	30	28	39	18	1	-	-	-	-	
22	13	5	2	2	-	34	16	18	26	8	-	-	-	-	-	
3	3	-	-	-	-	8	3	5	8	-	-	-	-	-	-	
-	-	-	-	-	-	1	-	1	1	-	-	-	-	-	-	
-	-	-	-	-	-	2	2	-	2	-	-	-	-	-	-	
7	6	-	-	1	-	27	17	10	18	7	2	-	-	-	-	
162	83	30	26	23	-	306	140	166	227	75	4	-	-	-	-	
2	2	-	-	-	-	13	7	6	12	1	-	-	-	-	-	
1	1	-	-	-	-	3	3	-	3	-	-	-	-	-	-	
119	70	16	17	16	-	330	146	184	246	79	5	-	-	-	-	
5	5	-	-	-	-	15	9	6	11	4	-	-	-	-	-	
1	1	-	-	-	-	14	8	6	12	2	-	-	-	-	-	
4	3	-	-	1	-	11	6	5	10	1	-	-	-	-	-	
8	7	-	-	1	-	35	15	20	33	2	-	-	-	-	-	
8	7	-	1	-	-	34	19	15	25	9	-	-	-	-	-	
2	2	-	-	-	-	4	3	1	4	-	-	-	-	-	-	
3	3	-	-	-	-	3	2	1	2	1	-	-	-	-	-	
2	2	-	-	-	-	25	15	10	21	4	-	-	-	-	-	
33	15	8	5	5	-	46	27	19	29	15	2	-	-	-	-	
1	1	-	-	-	-	7	5	2	7	-	-	-	-	-	-	
2,358	907	921	274	256	-	4,849	2,476	2,373	3,470	1,339	40	4,848	146,828	30.29		
10	7	-	2	1	-	20	7	13	18	2	-	-	-	-	-	
188	119	22	28	19	-	145	63	82	109	35	1	-	-	-	-	
5	4	-	1	-	-	10	4	6	10	-	-	-	-	-	-	
14	12	1	-	1	-	61	31	30	46	11	4	-	-	-	-	
8	7	-	1	-	-	44	27	17	41	3	-	-	-	-	-	
17	8	4	1	4	-	89	41	48	63	26	-	-	-	-	-	
21	15	1	3	2	-	69	33	36	64	3	2	-	-	-	-	
970	270	459	117	124	-	2,157	1,081	1,076	1,472	678	7	-	-	-	-	
8	7	1	-	-	-	26	14	12	23	2	1	-	-	-	-	
27	23	3	1	-	-	62	33	29	54	7	1	-	-	-	-	
634	183	323	67	61	-	1,179	601	578	850	320	9	-	-	-	-	
80	51	7	14	8	-	100	48	52	65	34	1	-	-	-	-	

TABLE I. — *Births, Marriages, and Deaths,*

COUNTIES AND TOWNS.	Population, State Census, 1895.	BIRTHS.								
		Whole No.	SEX.			PARENTAGE.				
			M.	F.	Unk.	Na- tive.	For.	Na. Fa. and For. Mo.	For. Fa. and Na. Mo.	Unk.
<i>Bristol — Con.</i>										
Norton, . . .	1,614	28	15	13	-	17	5	2	4	-
Raynham, . . .	1,518	27	18	9	-	12	12	2	1	-
Rehoboth, . . .	1,810	21	8	13	-	13	7	-	1	-
Seekonk, . . .	1,465	36	18	18	-	13	17	6	-	-
Somerset, . . .	1,983	44	29	15	-	19	18	2	5	-
Swansea, . . .	1,627	35	15	20	-	20	11	3	1	-
Taunton, . . .	27,115	728	375	353	-	240	336	75	77	-
Westport, . . .	2,678	53	24	29	-	22	24	4	3	-
DUKES, . . .	4,238	59	30	29	-	31	22	3	3	-
Chilmark, . . .	304	5	3	2	-	5	-	-	-	-
Cottage City, . . .	1,038	18	8	10	-	4	13	-	1	-
Edgartown, . . .	1,125	11	6	5	-	6	2	2	1	-
Gay Head, . . .	169	6	3	3	-	5	1	-	-	-
Gosnold, . . .	140	-	-	-	-	-	-	-	-	-
Tisbury, . . .	1,002	15	7	8	-	8	5	1	1	-
West Tisbury, . . .	460	4	3	1	-	3	1	-	-	-
Essex, . . .	330,393	8,097	4,118	3,979	-	2,855	3,534	901	796	11
Amesbury, . . .	9,986	211	107	104	-	68	97	20	26	-
Andover, . . .	6,145	120	61	59	-	49	42	16	13	-
Beverly, . . .	11,806	266	130	136	-	148	68	30	20	-
Boxford, . . .	727	12	6	6	-	10	-	2	-	-
Danvers, . . .	8,181	158	87	71	-	78	38	22	20	-
Essex, . . .	1,587	24	14	10	-	13	7	2	2	-
Georgetown, . . .	2,050	18	5	13	-	16	2	-	-	-
Gloucester, . . .	28,211	582	282	300	-	178	271	63	70	-
Groveland, . . .	2,333	44	26	18	-	24	4	8	8	-
Hamilton, . . .	1,356	29	19	10	-	16	7	2	4	-
Haverhill, . . .	34,945	892	461	431	-	366	346	86	93	1
Ipswich, . . .	4,720	100	51	49	-	42	30	16	12	-
Lawrence, . . .	52,164	1,786	897	889	-	314	1,138	171	161	2
Lynn, . . .	62,354	1,533	795	738	-	575	601	192	163	2
Lynnfield, . . .	818	13	3	10	-	8	2	2	1	-
Manchester, . . .	1,876	45	23	22	-	12	21	4	8	-
Marblehead, . . .	7,671	116	55	61	-	82	16	16	2	-
Merrimac, . . .	2,301	30	19	11	-	19	4	4	3	-
Methuen, . . .	5,690	161	84	77	-	41	83	17	19	1
Middleton, . . .	838	17	9	8	-	6	4	6	1	-
Nahant, . . .	865	13	7	6	-	6	3	4	-	-
Newbury, . . .	1,489	12	7	5	-	6	3	-	2	1
Newburyport, . . .	14,552	282	140	142	-	145	66	39	32	-
North Andover, . . .	3,569	69	36	33	-	20	34	8	7	-
Peabody, . . .	10,507	273	128	145	-	109	99	35	30	-
Rockport, . . .	5,289	90	49	41	-	35	40	7	5	3
Rowley, . . .	1,272	49	27	22	-	34	2	7	6	-
Salem, . . .	34,473	932	491	441	-	310	462	94	66	-
Sallsbury, . . .	1,300	18	8	10	-	16	-	2	-	-
Saugus, . . .	4,497	79	40	39	-	39	21	9	9	1
Swampscott, . . .	3,259	72	29	43	-	37	18	10	7	-
Topsfield, . . .	1,033	12	4	8	-	8	-	2	2	-
Wenham, . . .	886	18	9	9	-	11	2	2	3	-
West Newbury, . . .	1,643	21	9	12	-	14	3	3	1	-
FRANKLIN, . . .	40,145	800	413	387	-	438	236	63	62	1
Ashfield, . . .	1,013	12	6	6	-	8	1	1	2	-
Barnardston, . . .	778	10	7	3	-	8	-	1	1	-
Buckland, . . .	1,548	25	10	15	-	16	6	3	-	-
Charlemont, . . .	1,041	12	6	6	-	8	2	-	2	-
Colrain, . . .	1,610	24	14	10	-	12	8	2	2	-

Registered during the Year 1899—Continued.

MARRIAGES.						DEATHS.								
Couples.	NATIVITY.					Persons.	SEX.		NATIVITY.			No. whose Ages are registered.	AGE.	
	Na-tive.	For.	Na. Groom.	For. Groom.	Unk.		M.	F.	Na-tive.	For.	Unk.		Agg'te.	Av'ge.
6	4	-	1	1	-	29	19	10	25	2	2	-	-	-
8	7	1	-	-	-	32	19	13	25	6	1	-	-	-
17	12	1	1	3	-	29	17	12	23	6	-	-	-	-
4	4	-	-	-	-	17	6	11	15	2	-	-	-	-
13	8	3	1	1	-	46	26	20	36	10	-	-	-	-
21	16	-	3	2	-	23	16	7	21	2	-	-	-	-
288	137	90	32	29	-	671	368	303	475	185	11	-	-	-
19	13	5	1	-	-	40	22	18	35	5	-	-	-	-
17	12	2	2	1	-	88	44	44	73	10	5	88	2,867	32.58
-	-	-	-	-	-	6	3	3	6	-	-	-	-	-
6	4	2	-	-	-	27	12	15	18	7	2	-	-	-
3	1	-	1	1	-	24	16	8	24	-	-	-	-	-
-	-	-	-	-	-	5	2	3	5	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	7	-	1	-	-	19	10	9	14	3	2	-	-	-
-	-	-	-	-	-	7	1	6	6	-	1	-	-	-
2,801	1,301	827	369	303	1	6,057	2,985	3,072	4,523	1,488	46	6,051	222,749	36.81
41	22	11	5	3	-	163	80	83	131	32	-	-	-	-
29	19	4	4	2	-	110	53	57	79	28	3	-	-	-
98	50	22	15	11	-	195	84	111	157	37	1	-	-	-
2	2	-	-	-	-	20	6	14	18	1	1	-	-	-
41	27	4	5	5	-	237	114	123	152	84	1	-	-	-
11	6	1	3	1	-	27	15	12	25	2	-	-	-	-
13	10	-	2	1	-	40	18	22	34	3	3	-	-	-
204	92	67	24	21	-	394	*221	173	285	106	-	-	-	-
11	9	-	-	2	-	37	14	23	29	8	-	-	-	-
10	7	1	2	-	-	24	16	8	22	2	-	-	-	-
322	187	63	42	30	-	552	265	287	429	120	3	-	-	-
38	14	17	4	3	-	73	38	35	58	14	1	-	-	-
672	184	315	88	85	-	1,235	596	639	795	430	10	-	-	-
604	298	148	78	80	-	1,034	527	507	792	236	6	-	-	-
1	1	-	-	-	-	20	10	10	17	3	-	-	-	-
5	2	2	-	1	-	34	16	18	26	8	-	-	-	-
51	40	3	5	3	-	118	50	68	103	15	-	-	-	-
17	11	-	5	1	-	36	19	17	32	3	1	-	-	-
44	18	10	9	6	1	110	53	57	92	17	1	-	-	-
4	3	-	-	1	-	10	5	5	6	4	-	-	-	-
7	4	1	2	-	-	12	7	5	11	-	1	-	-	-
11	10	-	1	-	-	15	6	9	14	1	-	-	-	-
96	56	16	13	11	-	274	119	155	219	54	1	-	-	-
29	13	8	5	3	-	57	31	26	36	21	-	-	-	-
✓ 65	31	20	10	4	-	✓ 177	85	92	128	49	-	-	-	-
28	14	11	2	1	-	82	43	39	63	11	3	-	-	-
12	9	-	2	1	-	34	12	22	34	-	-	-	-	-
280	126	98	34	22	-	713	375	338	543	168	2	-	-	-
6	4	-	1	1	-	20	10	10	17	3	-	-	-	-
19	12	1	5	1	-	82	38	44	65	10	7	-	-	-
14	8	3	2	1	-	63	33	30	53	10	-	-	-	-
6	4	1	-	1	-	17	10	7	16	-	1	-	-	-
4	4	-	-	-	-	16	6	10	16	-	-	-	-	-
6	4	-	1	1	-	26	10	16	18	8	-	-	-	-
288	197	41	22	28	-	623	317	306	511	105	7	622	30,489	49.02
7	5	-	1	1	-	20	9	11	19	1	-	-	-	-
12	10	-	1	1	-	16	6	10	15	1	-	-	-	-
12	5	4	-	3	-	23	11	12	17	6	-	-	-	-
7	7	-	-	-	-	14	8	6	13	1	-	-	-	-
12	7	1	-	4	-	25	14	11	20	4	1	-	-	-

* Including 44 fishermen lost at sea.

TABLE I. — *Births, Marriages, and Deaths,*

COUNTIES AND TOWNS.	Population, State Census, 1895.	BIRTHS.								
		Whole No.	SEX.			PARENTAGE.				
			M.	F.	Unk.	Na- tive.	For.	Na. Fa. and For. Mo.	For. Fa. and Na. Mo.	Unk.
Franklin — Con.										
Conway, . . .	1,304	25	12	13	-	19	4	-	2	-
Deerfield, . . .	3,007	40	26	14	-	20	11	7	2	-
Erving, . . .	964	14	7	7	-	12	2	-	-	-
Gill, . . .	1,082	23	13	10	-	15	4	3	1	-
Greenfield, . . .	6,229	168	81	87	-	97	43	14	14	-
Hawley, . . .	468	10	6	4	-	6	2	1	1	-
Heath, . . .	476	4	1	3	-	3	-	-	1	-
Leverett, . . .	744	10	8	2	-	9	-	1	-	-
Leyden, . . .	363	9	6	3	-	8	-	-	1	-
Monroe, . . .	298	2	1	1	-	1	1	-	-	-
Montague, . . .	6,058	178	91	87	-	46	91	20	21	-
New Salem, . . .	869	9	4	5	-	6	1	-	1	1
Northfield, . . .	1,851	28	13	15	-	25	3	-	-	-
Orange, . . .	5,361	106	55	51	-	57	41	2	6	-
Rowe, . . .	498	2	-	2	-	1	1	-	-	-
Shelburne, . . .	1,560	26	11	15	-	19	3	3	1	-
Shutesbury, . . .	444	3	2	1	-	2	1	-	-	-
Sunderland, . . .	696	15	11	4	-	7	6	1	1	-
Warwick, . . .	599	18	11	7	-	13	2	1	2	-
Wendell, . . .	529	16	7	9	-	11	3	2	-	-
Whately, . . .	755	11	4	7	-	9	-	1	1	-
HAMPDEN, . . .	152,938	5,117	2,668	2,449	-	1,556	2,591	514	455	1
Agawam, . . .	2,408	63	28	35	-	30	18	5	10	-
Blandford, . . .	849	15	5	10	-	15	-	-	-	-
Brimfield, . . .	962	14	5	9	-	8	2	2	2	-
Chester, . . .	1,429	24	13	11	-	14	3	3	4	-
Chicopee, . . .	16,420	700	359	341	-	123	459	58	60	-
E Longmeadow, . . .	1,591	38	18	20	-	11	22	2	3	-
Granville, . . .	1,005	25	14	11	-	15	7	3	-	-
Hampden, . . .	743	11	5	6	-	9	1	1	-	-
Holland, . . .	199	5	4	1	-	4	-	-	1	-
Holyoke, . . .	40,322	1,692	859	833	-	292	1,068	173	159	-
Longmeadow, . . .	620	12	3	9	-	6	4	2	-	-
Ludlow, . . .	2,562	101	54	47	-	26	46	16	13	-
Monson, . . .	3,746	62	28	34	-	38	17	4	3	-
Montgomery, . . .	275	4	3	1	-	3	1	-	-	-
Palmer, . . .	6,858	250	138	112	-	61	160	14	15	-
Russell, . . .	846	15	12	3	-	10	2	-	3	-
Southwick, . . .	961	13	7	6	-	12	-	-	1	-
Springfield, . . .	51,522	1,512	803	709	-	604	606	162	139	1
Tolland, . . .	309	4	2	2	-	3	-	1	-	-
Wales, . . .	783	19	8	11	-	8	-	5	6	-
W. Springfield, . . .	6,125	194	108	86	-	104	44	28	18	-
Westfield, . . .	10,663	316	173	143	-	149	123	27	17	-
Wilbraham, . . .	1,740	28	19	9	-	11	8	8	1	-
HAMPSHIRE, . . .	54,710	1,210	608	602	-	505	476	120	109	-
Amherst, . . .	4,785	77	40	37	-	45	21	7	4	-
Belchertown, . . .	2,161	43	20	23	-	25	11	4	3	-
Chesterfield, . . .	589	12	7	5	-	11	-	1	-	-
Cummington, . . .	750	12	7	5	-	10	-	1	1	-
Easthampton, . . .	4,790	121	61	60	-	49	50	13	9	-
Enfield, . . .	990	18	9	9	-	9	7	2	-	-
Goshen, . . .	304	4	1	3	-	-	3	-	1	-
Granby, . . .	748	14	3	11	-	5	7	1	1	-
Greenwich, . . .	481	11	6	5	-	8	1	1	1	-
Hadley, . . .	1,704	22	7	15	-	11	11	-	-	-
Hatfield, . . .	1,262	34	17	17	-	17	15	-	2	-
Huntington, . . .	1,450	32	13	19	-	20	10	-	2	-
Middlefield, . . .	386	11	4	7	-	10	1	-	-	-
Northampton, . . .	16,746	387	203	184	-	144	141	53	49	-
Belham, . . .	486	11	6	5	-	9	2	-	-	-
Plainfield, . . .	450	6	2	4	-	6	-	-	-	-
Prescott, . . .	401	3	2	1	-	3	-	-	-	-

Registered during the Year 1899 — Continued.

MARRIAGES.						DEATHS.								
Couples.	NATIVITY.					Persons.	SEX.		NATIVITY.			No. whose Ages are registered.	AGE.	
	Na- tive.	For.	Na. Groom.	For. Groom.	Unk.		M.	F.	Na- tive.	For.	Unk.		Agg'te.	Av'ge.
7	5	1	-	1	-	22	11	11	49	3	-	-	-	-
18	10	3	2	3	-	39	19	20	29	10	-	-	-	-
5	5	-	-	-	-	13	7	6	12	1	-	-	-	-
2	2	-	-	-	-	6	3	3	6	-	-	-	-	-
74	56	6	7	5	-	115	62	53	91	22	2	-	-	-
1	-	-	-	-	-	5	3	2	5	-	-	-	-	-
2	2	-	-	-	-	3	2	1	3	-	-	-	-	-
4	4	-	-	-	-	20	16	4	18	1	1	-	-	-
2	2	-	-	-	-	3	2	1	3	-	-	-	-	-
1	-	-	-	-	-	1	-	1	1	-	-	-	-	-
48	20	15	7	6	-	84	42	42	55	29	-	-	-	-
1	1	-	-	-	-	15	6	9	15	-	-	-	-	-
8	5	1	2	-	-	32	18	14	27	5	-	-	-	-
36	26	7	1	2	-	80	34	46	65	12	3	-	-	-
4	4	-	-	-	-	6	5	1	2	4	-	-	-	-
11	9	1	-	1	-	34	19	15	33	1	-	-	-	-
2	2	-	-	-	-	7	3	4	7	-	-	-	-	-
6	4	2	-	-	-	7	3	4	5	2	-	-	-	-
2	1	-	-	1	-	8	3	5	8	-	-	-	-	-
3	2	-	1	-	-	10	5	5	10	-	-	-	-	-
3	3	-	-	-	-	15	6	9	13	2	-	-	-	-
1,480	636	553	139	151	1	2,890	1,458	1,432	2,093	767	30	2,888	97,373	33.72
12	7	-	1	4	-	51	31	20	41	10	-	-	-	-
2	2	-	-	-	-	12	5	7	12	-	-	-	-	-
7	5	-	2	-	-	24	13	11	23	1	-	-	-	-
9	7	-	-	2	-	26	13	13	23	2	1	-	-	-
258	47	174	21	16	-	363	186	177	251	112	-	-	-	-
7	2	5	-	-	-	23	17	6	20	3	-	-	-	-
2	2	-	-	-	-	16	7	9	15	1	-	-	-	-
3	2	-	-	1	-	10	4	6	8	2	-	-	-	-
2	1	-	-	1	-	3	1	2	2	1	-	-	-	-
368	82	183	49	54	-	727	376	351	479	245	3	-	-	-
5	4	-	-	1	-	18	10	8	16	2	-	-	-	-
25	8	14	1	2	-	54	27	27	39	15	-	-	-	-
21	14	3	2	2	-	72	36	36	48	21	3	-	-	-
2	1	-	1	-	-	8	7	1	8	-	-	-	-	-
78	29	41	4	4	-	126	61	65	91	35	-	-	-	-
2	1	-	-	1	-	16	9	7	13	2	1	-	-	-
8	6	-	-	2	-	23	14	9	17	6	-	-	-	-
507	304	112	45	46	-	967	458	509	713	241	13	-	-	-
3	3	-	-	-	-	3	1	2	2	1	-	-	-	-
5	2	-	1	2	-	10	3	7	8	1	1	-	-	-
60	43	7	6	3	1	125	59	66	99	23	3	-	-	-
81	55	13	5	8	-	194	108	86	152	38	4	-	-	-
13	9	1	1	2	-	19	12	7	13	5	1	-	-	-
462	259	121	40	42	-	900	455	445	705	183	12	900	42,352	47.06
35	24	6	3	2	-	72	35	37	63	8	1	-	-	-
13	12	-	1	-	-	38	21	17	34	3	1	-	-	-
9	9	-	-	-	-	13	9	4	13	-	-	-	-	-
1	1	-	-	-	-	7	5	2	7	-	-	-	-	-
50	20	18	7	5	-	76	29	47	53	22	1	-	-	-
11	10	1	-	-	-	21	14	7	17	3	1	-	-	-
2	2	-	-	-	-	6	5	1	6	-	-	-	-	-
5	4	1	-	-	-	7	3	4	7	-	-	-	-	-
1	-	-	1	-	-	12	7	5	10	2	-	-	-	-
15	13	2	-	-	-	28	12	16	23	3	2	-	-	-
14	7	6	-	1	-	21	13	8	17	4	-	-	-	-
14	12	-	2	-	-	19	10	9	12	5	2	-	-	-
4	3	-	-	1	-	12	7	5	7	4	1	-	-	-
150	85	35	13	17	-	299	154	145	220	77	2	-	-	-
3	3	-	-	-	-	15	7	8	13	2	-	-	-	-
4	4	-	-	-	-	4	3	1	4	-	-	-	-	-
1	1	-	-	-	-	6	4	2	6	-	-	-	-	-

TABLE I. — *Births, Marriages, and Deaths,*

COUNTIES AND TOWNS.	Population, State Census, 1895.	BIRTHS.								
		Whole No.	SEX.			PARENTAGE.				
			M.	F.	Unk.	Na- tive.	For.	Na. Fa. and For. Mo.	For. Fa. and Na. Mo.	Unk.
<i>Hampshire — Con.</i>										
South Hadley, . . .	4,443	96	60	36	-	32	43	11	10	-
Southampton, . . .	1,054	13	7	6	-	8	4	1	-	-
Ware, . . .	7,651	227	105	122	-	49	138	19	21	-
Westhampton, . . .	476	10	7	3	-	8	1	1	-	-
Williamsburg, . . .	1,955	36	16	20	-	16	10	5	5	-
Worthington, . . .	648	10	5	5	-	10	-	-	-	-
 MIDDLESEX, . . .	499,217	13,360	6,802	6,558	-	4,193	6,261	1,503	1,288	115
Acton, . . .	1,978	35	15	20	-	15	7	9	4	-
Arlington, . . .	6,515	190	96	94	-	55	88	22	25	-
Ashby, . . .	804	11	4	7	-	9	2	-	-	-
Ashland, . . .	2,090	17	11	6	-	9	5	1	2	-
Ayer, . . .	2,101	46	28	18	-	26	10	6	4	-
Bedford, . . .	1,169	25	12	13	-	10	8	5	2	-
Belmont, . . .	2,843	82	38	44	-	28	35	12	7	-
Billerica, . . .	2,577	49	23	26	-	17	18	7	7	-
Boxborough, . . .	307	7	4	3	-	3	1	2	1	-
Burlington, . . .	574	16	5	11	-	4	5	3	4	-
Cambridge, . . .	81,643	2,508	1,255	1,253	-	685	1,293	275	249	6
Carlisle, . . .	492	10	3	7	-	5	4	1	-	-
Chelmsford, . . .	3,162	54	29	25	-	16	24	7	7	-
Concord, . . .	5,175	95	53	42	-	32	43	8	7	-
Dracut, . . .	2,443	57	24	33	-	20	23	10	4	-
Dunstable, . . .	400	7	3	4	-	5	1	1	-	-
Everett, . . .	18,573	654	320	334	-	244	258	68	84	-
Framingham, . . .	9,512	202	111	91	-	84	64	28	26	-
Groton, . . .	2,192	43	26	17	-	22	6	8	7	-
Holliston, . . .	2,718	36	16	20	-	21	5	4	5	1
Hopkinton, . . .	2,984	32	18	14	-	24	3	2	3	-
Hudson, . . .	5,308	124	66	58	-	53	42	11	13	-
Lexington, . . .	3,498	64	31	33	-	31	20	8	5	-
Lincoln, . . .	1,111	10	7	3	-	2	4	3	1	-
Littleton, . . .	1,136	27	14	13	-	10	9	4	4	-
Lowell, . . .	84,367	2,415	1,251	1,164	-	397	1,565	249	203	1
Malden, . . .	29,708	768	376	392	-	246	348	93	72	9
Marlborough, . . .	14,977	306	162	144	-	133	92	36	45	-
Maynard, . . .	3,090	71	33	38	-	19	38	5	9	-
Medford, . . .	14,474	437	215	222	-	197	153	45	37	5
Melrose, . . .	11,965	230	146	134	-	124	89	37	29	1
Natick, . . .	8,814	159	90	69	-	85	44	18	10	2
Newton, . . .	27,590	767	400	367	-	267	362	78	69	1
North Reading, . . .	835	12	7	5	-	7	3	-	2	-
Pepperell, . . .	3,321	77	44	33	-	30	28	11	8	-
Reading, . . .	4,717	92	41	51	-	42	37	7	6	-
Sherborn, . . .	1,446	36	19	17	-	15	16	2	3	-
Shirley, . . .	1,399	41	18	23	-	16	15	6	4	-
Somerville, . . .	52,200	1,595	830	765	-	510	737	174	171	3
Stoneham, . . .	6,284	116	64	52	-	65	29	14	8	-
Stowe, . . .	920	20	10	10	-	6	7	3	4	-
Sudbury, . . .	1,141	16	3	13	-	10	3	2	1	-
Tewksbury, . . .	3,379	59	28	31	-	14	31	10	4	-
State Almshouse, . . .	-	78	39	39	-	-	-	-	-	78
Townsend, . . .	1,780	27	11	16	-	20	1	4	2	-
Tyngsborough, . . .	635	11	5	6	-	9	1	-	1	-
Wakefield, . . .	8,304	217	114	103	-	77	87	30	16	7
Waltham, . . .	20,876	474	239	235	-	148	224	63	38	1
Watertown, . . .	7,788	215	100	115	-	73	102	29	11	-
Wayland, . . .	2,026	30	17	13	-	11	8	6	5	-
Westford, . . .	2,418	53	21	32	-	16	24	9	4	-
Weston, . . .	1,710	33	21	12	-	13	8	4	8	-
Wilmington, . . .	1,420	53	25	28	-	23	18	3	9	-
Winchester, . . .	6,150	138	64	74	-	53	55	18	12	-
Woburn, . . .	14,178	363	197	166	-	132	153	42	36	-
 NANTUCKET, . . .	3,016	38	18	20	-	27	3	6	2	-

Registered during the Year 1899—Continued.

MARRIAGES.						DEATHS.									
Couples.	NATIVITY.					Persons.	SEX.		NATIVITY.			No. whose Ages are registered.	AGE.		
	Na- tive.	For.	Na. Groom.	For. Groom.	Unk.		M.	F.	Na- tive.	For.	Unk.		Agg'te.	Av'ge.	
28	9	12	3	4	-	49	26	23	38	10	1	-	-	-	
2	2	-	-	-	-	26	11	15	22	4	-	-	-	-	
80	19	40	10	11	-	109	53	56	82	27	-	-	-	-	
4	4	-	-	-	-	10	7	3	10	-	-	-	-	-	
11	10	-	-	1	-	36	14	22	28	8	-	-	-	-	
5	5	-	-	-	-	14	6	8	13	1	-	-	-	-	
4,247	1,773	1,385	612	477	-	8,954	4,528	4,426	6,326	2,520	108	8,950	329,673	36·83	
8	7	1	-	-	-	28	15	12	24	3	1	-	-	-	
64	28	22	3	11	-	98	54	44	71	26	1	-	-	-	
10	8	-	2	-	-	16	10	6	14	2	-	-	-	-	
10	10	-	-	-	-	27	16	11	19	8	-	-	-	-	
32	18	9	4	1	-	47	27	20	35	12	-	-	-	-	
7	3	2	2	-	-	29	13	16	20	9	-	-	-	-	
10	6	3	1	-	-	43	24	19	32	11	-	-	-	-	
17	7	4	3	3	-	37	22	15	25	11	1	-	-	-	
3	1	1	-	1	-	4	1	3	2	2	-	-	-	-	
3	1	-	-	2	-	20	9	11	18	1	1	-	-	-	
705	250	274	103	78	-	1,525	750	775	1,063	452	10	-	-	-	
3	2	-	-	1	-	9	5	4	9	-	-	-	-	-	
31	15	3	9	4	-	70	36	34	48	20	2	-	-	-	
20	7	5	4	4	-	60	33	27	51	9	-	-	-	-	
9	4	2	2	1	-	38	17	21	25	12	1	-	-	-	
1	-	1	-	-	-	6	4	2	5	1	-	-	-	-	
183	99	46	18	20	-	354	164	190	281	73	-	-	-	-	
80	50	11	12	7	-	159	74	85	119	39	1	-	-	-	
8	3	-	3	2	-	29	12	17	27	2	-	-	-	-	
15	7	4	2	2	-	42	18	24	30	10	2	-	-	-	
15	11	-	-	4	-	49	30	19	32	16	1	-	-	-	
32	18	8	2	4	-	70	37	33	56	14	-	-	-	-	
17	5	4	5	3	-	48	22	26	38	10	-	-	-	-	
9	6	1	2	-	-	17	10	7	10	5	2	-	-	-	
13	7	3	2	1	-	16	6	10	14	2	-	-	-	-	
952	268	455	125	104	-	1,851	917	934	1,216	599	36	-	-	-	
266	111	72	40	43	-	473	236	237	350	117	6	-	-	-	
102	48	23	20	11	-	221	119	102	167	54	-	-	-	-	
33	12	14	4	3	-	49	26	23	27	20	2	-	-	-	
99	59	17	10	13	-	218	115	103	169	48	1	-	-	-	
73	35	15	15	8	-	175	89	86	138	36	1	-	-	-	
60	34	12	6	8	-	128	70	58	96	31	1	-	-	-	
271	109	103	43	16	-	443	231	212	333	103	7	-	-	-	
8	4	1	3	-	-	12	8	4	10	2	-	-	-	-	
27	15	7	3	2	-	55	30	25	39	16	-	-	-	-	
29	19	4	5	1	-	75	32	43	65	10	-	-	-	-	
10	5	2	2	1	-	24	16	8	22	2	-	-	-	-	
10	6	3	1	-	-	26	18	8	20	6	-	-	-	-	
424	200	114	59	51	-	801	392	409	572	220	9	-	-	-	
52	31	7	6	8	-	109	54	55	88	21	-	-	-	-	
4	4	-	-	-	-	13	7	6	12	1	-	-	-	-	
1	1	-	-	-	-	11	2	9	9	2	-	-	-	-	
13	4	5	2	2	-	32	10	22	25	6	1	-	-	-	
-	-	-	-	-	-	334	252	82	125	196	13	-	-	-	
12	11	-	1	-	-	36	18	18	33	3	-	-	-	-	
5	3	-	1	1	-	14	6	8	11	3	-	-	-	-	
59	29	13	12	5	-	127	58	69	91	32	4	-	-	-	
166	61	55	29	21	-	324	142	182	245	79	-	-	-	-	
84	41	22	14	7	-	117	60	57	79	37	1	-	-	-	
15	7	1	3	4	-	25	11	14	17	8	-	-	-	-	
9	5	1	2	1	-	42	20	22	24	17	1	-	-	-	
11	6	1	4	-	-	25	14	11	21	4	-	-	-	-	
10	8	1	-	1	-	26	11	15	23	3	-	-	-	-	
45	20	10	8	7	-	91	36	55	64	26	1	-	-	-	
92	44	23	15	10	-	236	119	117	167	68	1	-	-	-	
13	8	-	3	2	-	69	29	40	61	8	-	69	4,248	61·57	

TABLE I. — *Births, Marriages, and Deaths,*

COUNTIES AND TOWNS.	Population, State Census, 1895.	BIRTHS.								
		Whole No.	SEX.			PARENTAGE.				
			M.	F.	Unk.	Na-tive.	For.	Na. Fa. and For. Mo.	For. Fa. and Na. Mo.	Unk.
NORFOLK,	134,819	3,295	1,706	1,589	-	1,251	1,346	371	318	9
Avon,	1,626	21	9	12	-	14	4	1	2	-
Bellingham,	1,481	25	11	14	-	14	3	5	3	-
Braintree,	5,311	127	67	60	-	56	41	12	17	1
Brookline,	16,164	449	228	221	-	163	199	49	38	-
Canton,	4,636	96	60	36	-	36	36	9	15	-
Cohasset,	2,474	56	31	25	-	31	9	12	4	-
Dedham,	7,211	167	88	79	-	64	66	20	17	-
Dover,	668	12	5	7	-	7	1	2	2	-
Foxborough,	3,219	61	27	34	-	36	10	12	3	-
Franklin,	5,136	122	67	55	-	57	35	15	14	1
Holbrook,	2,298	31	20	11	-	20	4	5	2	-
Hyde Park,	11,826	342	181	161	-	108	155	42	37	-
Medfield,	1,872	30	13	17	-	16	5	4	5	-
Medway,	2,913	51	23	28	-	36	10	4	1	-
Millis,	1,006	24	5	19	-	14	3	3	4	-
Milton,	5,518	99	51	48	-	38	29	18	14	-
Needham,	3,511	107	52	55	-	30	50	15	11	1
Norfolk,	882	17	7	10	-	9	4	2	2	-
Norwood,	4,574	157	79	78	-	47	80	15	15	-
Quincy,	20,712	707	372	335	-	183	401	57	61	5
Randolph,	3,694	66	33	33	-	36	17	5	8	-
Sharon,	1,717	27	17	10	-	7	14	4	2	-
Stoughton,	5,272	111	54	57	-	53	34	16	8	-
Walpole,	2,994	69	38	31	-	31	26	6	6	-
Wellesley,	4,229	64	39	25	-	16	39	3	5	1
Westwood,	-	12	9	3	-	1	5	5	1	-
Weymouth,	11,291	221	107	114	-	113	61	28	19	-
Wrentham,	2,584	24	13	11	-	15	5	2	2	-
PLYMOUTH,	101,498	2,194	1,131	1,063	-	1,120	651	224	194	5
Abington,	4,207	83	45	38	-	57	11	10	5	-
Bridgewater,	4,686	79	40	39	-	39	27	7	6	-
Brockton,	33,165	915	468	447	-	382	350	91	91	1
Carver,	1,016	23	10	13	-	14	4	3	2	-
Duxbury,	1,966	28	15	13	-	17	6	3	2	-
E. Bridgewater,	2,894	49	27	22	-	27	14	4	4	-
Halifax,	497	15	6	9	-	7	7	1	-	-
Hanover,	2,051	30	19	11	-	19	1	5	5	-
Hanson,	1,380	21	11	10	-	17	1	1	2	-
Hingham,	4,819	87	48	39	-	46	19	15	6	1
Hull,	1,044	26	10	16	-	11	7	5	3	-
Kingston,	1,746	26	13	13	-	11	13	1	1	-
Lakeville,	870	15	5	10	-	9	3	-	3	-
Marion,	759	14	8	6	-	10	-	2	-	2
Marshfield,	1,760	33	15	18	-	22	4	7	-	-
Mattapoisett,	1,032	13	7	6	-	7	5	1	-	-
Middleborough,	6,689	108	61	47	-	75	17	10	6	-
Norwell,	1,540	25	14	11	-	20	-	5	-	-
Pembroke,	1,223	14	11	3	-	9	3	1	1	-
Plymouth,	7,957	203	104	99	-	80	84	18	21	-
Plympton,	549	7	5	2	-	5	2	-	-	-
Rochester,	1,021	23	10	13	-	11	6	1	4	1
Rockland,	5,523	92	47	45	-	60	17	4	11	-
Scituate,	2,246	45	22	23	-	29	4	7	5	-
Wareham,	3,367	66	35	31	-	46	14	4	2	-
W. Bridgewater,	1,747	24	14	10	-	12	6	5	1	-
Whitman,	5,744	130	61	69	-	78	26	13	13	-
SUFFOLK,	539,799	17,294	8,863	8,431	-	4,568	9,624	1,635	1,422	45
Boston,	496,920	16,151	8,267	7,884	-	4,267	9,031	1,517	1,296	40
Chelsea,	31,264	855	452	403	-	197	485	85	84	4
Revere,	7,423	219	112	107	-	77	89	24	29	-
Winthrop,	4,192	69	32	37	-	27	19	9	13	1

Registered during the Year 1899 — Continued.

MARRIAGES.						DEATHS.									
Couples.	NATIVITY.					Persons.	SEX.		NATIVITY.			No. whose Ages are registered.	AGE.		
	Na- tive.	For.	Na. Groom.	For. Groom.	Unk.		M.	F.	Na- tive.	For.	Unk.		Agg'te.	Av'ge.	
982	512	248	124	97	1	2,177	1,144	1,033	1,638	514	25	2,171	90,460	41.67	
9	6	-	2	1	-	30	14	16	23	7	-	-	-	-	
8	5	-	1	2	-	15	8	7	15	-	-	-	-	-	
29	17	5	3	4	-	94	46	48	80	14	-	-	-	-	
171	62	79	21	9	-	195	98	97	156	38	1	-	-	-	
40	21	6	9	4	-	76	40	36	49	24	3	-	-	-	
24	13	3	5	3	-	38	22	16	28	10	-	-	-	-	
48	23	15	7	3	-	114	57	57	74	40	-	-	-	-	
2	1	1	-	-	-	10	5	5	7	3	-	-	-	-	
26	17	1	3	5	-	72	36	36	51	20	1	-	-	-	
33	22	4	3	4	-	69	44	25	55	13	1	-	-	-	
10	8	1	-	1	-	37	24	13	32	4	1	-	-	-	
96	53	21	12	10	-	201	108	93	140	59	2	-	-	-	
14	8	4	2	-	-	86	33	53	61	23	2	-	-	-	
27	17	3	1	6	-	47	25	22	37	9	1	-	-	-	
6	4	-	1	1	-	12	7	5	9	3	-	-	-	-	
25	14	3	6	2	-	71	41	30	60	11	-	-	-	-	
27	11	5	8	3	-	49	29	20	34	15	-	-	-	-	
2	2	-	-	-	-	17	13	4	10	5	2	-	-	-	
31	12	15	1	3	-	89	37	52	61	26	2	-	-	-	
154	61	54	19	19	1	357	194	163	264	89	4	-	-	-	
24	21	1	2	-	-	70	34	36	52	17	1	-	-	-	
18	11	4	1	2	-	46	32	14	37	9	-	-	-	-	
31	19	7	3	2	-	78	36	42	61	15	2	-	-	-	
13	5	6	1	1	-	28	14	14	21	7	-	-	-	-	
27	14	1	6	6	-	51	28	23	40	10	1	-	-	-	
-	-	-	-	-	-	14	9	5	12	2	-	-	-	-	
68	51	8	4	5	-	185	98	87	147	38	-	-	-	-	
19	14	1	3	1	-	26	12	14	22	3	1	-	-	-	
797	493	135	96	73	-	1,708	934	774	1,385	307	16	1,706	65,605	38.46	
24	21	1	2	-	-	59	31	28	42	17	-	-	-	-	
36	18	7	6	5	-	129	102	27	70	57	2	-	-	-	
309	168	73	40	28	-	462	250	212	366	96	-	-	-	-	
4	4	-	-	-	-	10	5	5	10	-	-	-	-	-	
9	8	-	1	-	-	38	21	17	36	1	1	-	-	-	
20	18	1	-	1	-	60	35	25	57	3	-	-	-	-	
-	-	-	-	-	-	12	8	4	11	1	-	-	-	-	
25	22	2	1	-	-	44	22	22	43	1	-	-	-	-	
8	4	-	2	2	-	21	7	14	20	1	-	-	-	-	
38	20	9	5	4	-	74	39	35	62	12	-	-	-	-	
8	2	2	3	1	-	24	13	11	22	1	1	-	-	-	
21	14	5	-	2	-	37	17	20	31	5	1	-	-	-	
3	3	-	-	-	-	22	14	8	20	1	1	-	-	-	
9	8	-	-	1	-	17	7	10	16	1	-	-	-	-	
10	6	-	3	1	-	31	18	13	31	-	-	-	-	-	
6	5	-	-	1	-	19	10	9	18	1	-	-	-	-	
46	35	2	4	5	-	102	52	50	82	16	4	-	-	-	
7	4	-	1	2	-	32	18	14	26	3	3	-	-	-	
9	5	-	1	3	-	24	11	13	21	3	-	-	-	-	
70	35	20	6	9	-	163	81	82	129	32	2	-	-	-	
1	1	-	-	-	-	8	5	3	7	1	-	-	-	-	
6	4	1	-	1	-	22	12	10	20	2	-	-	-	-	
23	17	2	3	1	-	65	28	37	52	13	-	-	-	-	
20	12	3	5	-	-	41	28	13	33	7	1	-	-	-	
27	23	2	1	1	-	65	30	35	54	11	-	-	-	-	
4	2	1	-	1	-	35	21	14	29	6	-	-	-	-	
54	34	4	12	4	-	92	49	43	77	15	-	-	-	-	
6,576	2,381	2,569	883	743	-	11,946	6,160	5,786	7,892	3,938	116	11,944	394,514	33.03	
6,187	2,227	2,426	836	698	-	11,174	5,765	5,409	7,336	3,729	109	-	-	-	
295	110	117	36	32	-	601	312	289	433	164	4	-	-	-	
71	30	21	8	12	-	118	68	60	90	27	1	-	-	-	
23	14	5	3	1	-	53	25	28	33	18	2	-	-	-	

TABLE I. — *Births, Marriages, and Deaths,*

COUNTIES AND TOWNS.	Population, State Census, 1895.	BIRTHS.								
		Whole No.	SEX.			PARENTAGE.				
			M.	F.	Unk.	Na- tive.	For.	Na. Fa. and For. Mo.	For. Fa. and Na. Mo.	Unk.
WORCESTER, .	306,445	8,571	4,403	4,168	-	2,870	3,994	844	858	5
Ashburnham, .	2,148	27	12	15	-	12	11	3	1	-
Athol, .	7,364	119	70	49	-	72	22	14	11	-
Auburn, .	1,598	38	22	16	-	16	12	5	5	-
Barre, .	2,278	46	27	19	-	28	10	5	3	-
Berlin, .	897	9	5	4	-	8	-	-	1	-
Blackstone, .	6,039	147	76	71	-	43	69	22	13	-
Bolton, .	797	17	13	4	-	13	1	1	2	-
Boylston, .	729	21	13	8	-	9	8	1	3	-
Brookfield, .	3,279	66	32	34	-	33	18	2	13	-
Charlton, .	1,877	52	28	24	-	35	10	4	3	-
Clinton, .	11,497	417	236	181	-	88	242	44	42	1
Dana, .	717	12	6	6	-	10	-	1	1	-
Douglas, .	2,026	62	38	24	-	18	30	6	8	-
Dudley, .	3,203	89	50	39	-	19	53	7	10	-
Fitchburg, .	26,409	914	445	469	-	206	542	91	75	-
Gardner, .	9,182	306	161	145	-	85	159	29	32	1
Grafton, .	5,101	112	61	61	-	37	46	16	13	-
Hardwick, .	2,655	78	47	31	-	20	37	11	10	-
Harvard, .	1,162	26	13	13	-	20	1	3	2	-
Holden, .	2,602	51	31	20	-	16	18	9	8	-
Hopedale, .	1,377	18	10	8	-	9	3	4	2	-
Hubbardston, .	1,274	28	16	12	-	24	3	1	-	-
Lancaster, .	2,180	41	23	18	-	20	14	6	1	-
Leicester, .	3,239	61	30	31	-	35	11	9	6	-
Leominster, .	9,211	259	141	118	-	119	82	29	29	-
Lunenburg, .	1,237	16	11	5	-	10	2	3	1	-
Mendon, .	889	9	5	4	-	6	1	1	1	-
Milford, .	8,959	229	117	112	-	88	104	16	21	-
Millbury, .	5,222	98	59	39	-	30	38	12	18	-
New Braintree, .	542	13	7	6	-	6	7	-	-	-
North Brookfield, .	4,635	103	63	40	-	54	23	14	12	-
Northborough, .	1,940	47	23	24	-	20	18	6	3	-
Northbridge, .	5,286	203	106	97	-	41	116	23	23	-
Oakham, .	605	5	2	3	-	4	1	-	-	-
Oxford, .	2,390	59	26	33	-	30	13	10	6	-
Paxton, .	426	6	4	2	-	6	-	-	-	-
Petersham, .	952	10	7	3	-	5	2	2	1	-
Phillipston, .	460	5	2	3	-	5	-	-	-	-
Princeton, .	952	12	9	3	-	8	3	-	1	-
Royalston, .	890	13	11	2	-	6	2	2	3	-
Rutland, .	978	19	9	10	-	10	3	4	2	-
Shrewsbury, .	1,524	26	14	12	-	22	2	1	1	-
Southborough, .	2,223	35	19	16	-	16	14	3	2	-
Southbridge, .	8,250	296	150	146	-	86	130	27	53	-
Spencer, .	7,614	185	93	92	-	80	49	25	31	-
Sterling, .	1,218	21	13	8	-	15	5	1	-	-
Sturbridge, .	1,910	48	21	27	-	24	10	7	7	-
Sutton, .	3,420	94	44	50	-	30	36	14	14	-
Templeton, .	2,915	66	37	29	-	38	13	9	6	-
Upton, .	2,150	26	8	18	-	21	2	1	2	-
Uxbridge, .	3,546	91	41	50	-	35	41	9	6	-
Warren, .	4,430	83	46	37	-	32	35	12	4	-
Webster, .	7,799	373	185	188	-	53	266	23	30	1
West Boylston, .	2,968	52	29	23	-	15	21	10	6	-
West Brookfield, .	1,467	18	6	12	-	15	2	-	1	-
Westborough, .	5,235	74	37	37	-	46	12	9	7	-
Westminster, .	1,315	24	14	10	-	15	4	2	3	-
Winchendon, .	4,490	126	58	68	-	55	44	14	13	-
Worcester, .	98,767	3,070	1,531	1,539	-	948	1,573	261	286	2

Registered during the Year 1899—Concluded.

MARRIAGES.						DEATHS.								
Couples.	NATIVITY.					Persons.	SEX.		NATIVITY.			No. whose Ages are registered.	AGE.	
	Na- tive.	For.	Na. Groom.	For. Groom.	Unk.		M.	F.	Na- tive.	For.	Unk.		Agg'te.	Av'ge.
2,678	1,294	791	304	288	1	5,550	2,840	2,710	4,121	1,391	38	5,547	212,407	38-20
8	8	-	-	-	-	51	23	28	47	4	-	-	-	-
48	35	3	7	3	-	97	58	39	89	8	-	-	-	-
7	6	-	-	1	-	23	14	9	17	5	1	-	-	-
8	5	2	-	1	-	42	21	21	36	6	-	-	-	-
6	3	2	-	1	-	10	2	8	9	1	-	-	-	-
53	26	18	4	5	-	104	59	45	60	42	2	-	-	-
4	3	-	1	-	-	14	6	8	11	2	1	-	-	-
5	1	3	1	-	-	13	6	7	10	3	-	-	-	-
28	22	2	2	2	-	62	27	35	46	16	-	-	-	-
7	7	-	-	-	-	36	17	19	29	5	2	-	-	-
122	34	49	21	18	-	195	101	94	121	72	2	-	-	-
3	3	-	-	-	-	10	5	5	10	-	-	-	-	-
12	6	5	-	1	-	42	25	17	30	12	-	-	-	-
9	5	4	-	-	-	50	25	25	37	13	-	-	-	-
288	107	113	35	32	1	413	208	205	310	103	-	-	-	-
84	29	35	9	11	-	230	116	114	186	43	1	-	-	-
33	17	4	9	3	-	73	38	35	56	17	-	-	-	-
22	6	8	5	3	-	60	25	35	44	14	2	-	-	-
3	3	-	-	-	-	17	8	9	13	3	1	-	-	-
12	9	-	1	2	-	37	17	20	27	9	1	-	-	-
5	3	1	1	-	-	16	5	11	13	3	-	-	-	-
5	4	-	1	-	-	29	20	9	24	5	-	-	-	-
11	8	1	1	1	-	41	21	20	34	7	-	-	-	-
18	14	1	2	1	-	51	24	27	35	16	-	-	-	-
115	75	17	14	9	-	164	84	80	140	23	1	-	-	-
6	4	-	2	-	-	19	15	4	17	2	-	-	-	-
3	2	1	-	-	-	16	8	8	16	-	-	-	-	-
75	51	17	4	3	-	198	116	82	142	55	1	-	-	-
31	19	2	9	1	-	79	37	42	48	30	1	-	-	-
3	2	-	1	-	-	5	3	2	4	1	-	-	-	-
24	20	2	1	1	-	87	41	43	75	11	1	-	-	-
16	7	2	4	3	-	30	20	10	25	5	-	-	-	-
63	18	29	7	9	-	107	51	56	80	26	1	-	-	-
2	1	-	-	1	-	11	7	4	9	2	-	-	-	-
19	14	1	3	1	-	52	26	26	44	8	-	-	-	-
-	-	-	-	-	-	8	5	3	8	-	-	-	-	-
5	4	1	-	-	-	15	12	3	15	-	-	-	-	-
1	1	-	-	-	-	2	1	1	1	1	-	-	-	-
6	3	-	2	1	-	13	6	7	10	3	-	-	-	-
7	6	-	1	-	-	21	9	12	15	-	6	-	-	-
7	6	-	1	-	-	27	11	16	22	5	-	-	-	-
9	7	1	-	1	-	29	17	12	27	1	1	-	-	-
9	3	3	1	2	-	22	12	10	16	6	-	-	-	-
84	43	18	13	10	-	182	95	87	136	46	-	-	-	-
65	40	5	6	14	-	98	43	55	74	23	1	-	-	-
4	2	-	1	1	-	35	20	15	30	5	-	-	-	-
15	14	-	-	1	-	48	24	24	38	10	-	-	-	-
18	11	3	3	1	-	61	27	34	51	10	-	-	-	-
17	13	2	2	-	-	61	34	27	52	8	1	-	-	-
11	10	-	-	1	-	36	12	24	33	3	-	-	-	-
33	21	3	3	6	-	67	34	33	53	14	-	-	-	-
39	16	9	6	8	-	57	26	31	47	10	-	-	-	-
84	31	33	7	13	-	138	68	70	91	45	2	-	-	-
23	13	7	2	1	-	52	25	27	37	14	1	-	-	-
10	10	-	-	-	-	20	12	8	17	3	-	-	-	-
32	20	3	6	3	-	135	70	65	99	36	-	-	-	-
6	6	-	-	-	-	18	9	9	15	3	-	-	-	-
53	31	6	11	5	-	84	36	48	67	17	-	-	-	-
982	406	375	94	107	-	1,837	953	884	1,273	556	8	-	-	-



BIRTHS, 1899.

TABLE II. — BIRTHS. — 1899.

Distinguishing by Counties, by Months, and by Sex, the Registered Number of Children BORN ALIVE during the Year.

Year and Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	North.	Plymouth.	South.	Worcester.
THE YEAR.	Totals,	70,457	470	2,190	7,762	59	8,097	800	5,117	1,210	13,360	38	3,295	2,194	17,294	8,571
	Males,	36,199	253	1,087	4,099	30	4,118	413	2,668	608	6,802	18	1,706	1,131	8,863	4,403
	Females,	34,258	217	1,103	3,663	29	3,979	387	2,449	602	6,558	20	1,589	1,063	8,431	4,168
Jan.	Totals,	6,087	40	206	692	7	663	58	411	94	1,177	1	292	152	1,544	750
	Males,	3,175	23	106	359	3	341	34	217	40	600	—	148	76	836	392
	Females,	2,912	17	100	333	4	322	24	194	54	577	1	144	76	708	358
Feb.	Totals,	5,417	30	165	613	6	639	70	382	91	1,017	2	265	198	1,282	657
	Males,	2,764	12	88	313	4	314	40	197	47	521	—	138	103	652	335
	Females,	2,653	18	77	300	2	325	30	185	44	496	2	127	95	630	322
Mar.	Totals,	6,072	35	200	677	7	690	72	492	93	1,108	2	315	177	1,478	726
	Males,	3,162	21	96	373	4	351	43	253	51	550	1	152	86	772	409
	Females,	2,910	14	104	304	3	339	29	239	42	558	1	163	91	706	317
April.	Totals,	5,423	27	190	584	5	613	72	420	102	1,003	—	258	191	1,294	664
	Males,	2,755	17	98	306	2	316	36	214	51	511	—	127	105	627	345
	Females,	2,668	10	92	278	3	297	36	206	51	492	—	131	86	667	319
May.	Totals,	5,497	39	201	547	7	702	51	420	92	1,035	7	231	169	1,280	716
	Males,	2,793	23	107	291	4	359	23	215	44	505	2	123	79	654	364
	Females,	2,704	16	94	256	3	343	28	205	48	530	5	108	90	626	352

June.	{ Totals, Males, Females,	.	.	.	5,563	41	186	619	2	619	63	411	95	1,083	4	259	166	1,351	664
		.	.	.	2,895	22	97	314	1	314	31	222	56	564	3	134	84	707	332
July.	{ Totals, Males, Females,	.	.	.	2,668	19	89	305	1	305	32	189	39	519	1	125	82	644	332
		.	.	.	6,169	52	178	703	5	708	79	486	110	1,143	4	271	203	1,510	717
Aug.	{ Totals, Males, Females,	.	.	.	3,140	26	83	367	2	373	37	248	56	597	3	135	95	762	356
		.	.	.	3,029	26	95	335	3	335	42	238	54	546	1	136	108	748	361
Sept.	{ Totals, Males, Females,	.	.	.	6,351	47	190	688	6	705	70	435	106	1,245	3	311	194	1,550	801
		.	.	.	3,197	23	87	333	4	357	38	219	49	649	2	162	103	783	388
Oct.	{ Totals, Males, Females,	.	.	.	3,154	24	103	355	2	348	32	216	57	596	1	149	91	767	413
		.	.	.	6,009	42	163	685	6	717	68	427	108	1,160	5	270	193	1,444	721
Nov.	{ Totals, Males, Females,	.	.	.	3,094	22	75	394	2	357	38	225	57	581	3	142	99	740	359
		.	.	.	2,915	20	88	291	4	360	30	202	51	579	2	128	94	704	362
Dec.	{ Totals, Males, Females,	.	.	.	5,851	49	173	628	4	663	78	424	118	1,109	6	271	172	1,462	694
		.	.	.	2,979	28	80	337	2	349	36	221	57	556	1	144	91	726	351
Totals, Males, Females,	{ Totals, Males, Females,	.	.	.	2,872	21	93	291	2	314	42	203	61	553	5	127	81	736	343
		.	.	.	5,853	40	147	638	3	704	58	384	106	1,133	2	262	186	1,478	712
Totals, Males, Females,	{ Totals, Males, Females,	.	.	.	3,059	20	69	350	1	351	27	211	55	577	1	145	108	768	376
		.	.	.	2,794	20	78	288	2	353	31	173	51	556	1	117	78	710	336
Totals, Males, Females,	{ Totals, Males, Females,	.	.	.	6,165	28	191	688	1	674	61	425	95	1,147	2	290	193	1,621	749
		.	.	.	3,186	16	101	348	1	336	30	226	45	591	2	156	102	836	396
Totals, Males, Females,	{ Totals, Males, Females,	.	.	.	2,979	12	90	340	-	338	31	199	50	556	-	134	91	785	353

SUPPLEMENT A.

PLURALITY CASES — 1899.

(Included in Tables I. and II.)

THE YEAR.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
	Tot.	1,539	10	62	182	—	178	14	112	32	233	—	84	53	371	208
	Ma.	775	6	28	90	—	92	5	66	10	119	—	37	32	196	94
	Fe.	764	4	34	92	—	86	9	46	22	114	—	47	21	175	114

SUPPLEMENT B.

TRIPLER CASES — 1899.

(Included in Supplement A.)

STATES AND COUNTIES.	Number of Cases.	SEX.		PARENTAGE IN EACH CASE.	
		Males.	Females.	Native.	Foreign.
Massachusetts, . . .	9	19	8	1	8
Bristol, . . .	4	{ 3	—	—	1
		{ —	3	—	1
		{ 2	1	—	1
		{ 2	1	—	1
Essex, . . .	2	{ 3	—	—	1
		{ 2	1	—	1
Middlesex, . . .	1	3	—	—	1
Plymouth, . . .	1	2	1	1	—
Suffolk, . . .	1	2	1	—	1

SUPPLEMENT C.

*Showing Number of Births in Each City, and in 53 Towns OVER and
268 Towns UNDER 5,000 Population in 1895.*

	Whole Number.	SEX.	
		Males.	Females.
MASSACHUSETTS,	70,457	36,199	34,258
Beverly,	266	130	136
Boston,	16,151	8,267	7,884
Brockton,	915	468	447
Cambridge,	2,508	1,255	1,253
Chelsea,	855	452	403
Chicopee,	700	359	341
Everett,	654	320	334
Fall River,	3,987	2,132	1,855
Fitchburg,	914	445	469
Gloucester,	582	282	300
Haverhill,	892	461	431
Holyoke,	1,692	859	833
Lawrence,	1,786	897	889
Lowell,	2,415	1,251	1,164
Lynn,	1,533	795	738
Malden,	768	376	392
Marlborough,	306	162	144
Medford,	437	215	222
New Bedford,	2,065	1,079	986
Newburyport,	282	140	142
Newton,	767	400	367
North Adams,	612	292	320
Northampton,	387	203	184
Pittsfield,	495	229	266
Quincy,	707	372	335
Salem,	932	491	441
Somerville,	1,595	830	765
Springfield,	1,512	803	709
Taunton,	728	375	353
Waltham,	474	239	235
Woburn,	363	197	166
Worcester,	3,070	1,531	1,539
32 Cities,	51,350	26,307	25,043
53 towns over 5,000 population in 1895,	10,213	5,302	4,911
268 towns under 5,000 population in 1895,	8,894	4,590	4,304

TABLE III. — STILL-BORN. — 1899.

Distinguishing by Counties and by Sex the Registered Number of Still-births during the Year.

THE YEAR.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
	Tot.	2,649	15	88	352	3	308	34	170	33	508	2	99	76	649	312
	Ma.	1,593	8	50	182	3	189	16	95	17	351	2	65	42	402	171
	Fe.	1,034	7	36	167	—	119	18	74	15	156	—	34	32	240	136
	Unk	22	—	2	3	—	—	—	1	1	1	—	—	2	7	5

MARRIAGES, 1899.

TABLE IV. — MARRIAGES.

Distinguishing by Counties and by Months the Num-

YEAR AND MONTHS.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes.
THE YEAR,	23,523	218	606	2,358	17
January,	1,713	22	36	191	—
February,	1,383	11	33	149	1
March,	867	11	20	84	1
April,	2,338	14	46	214	—
May,	1,536	12	42	200	1
June,	3,032	26	79	281	2
July,	1,610	10	46	162	2
August,	1,529	13	44	160	1
September,	2,247	17	65	200	1
October,	2,797	16	80	290	3
November,	2,825	32	80	293	1
December,	1,646	34	35	134	4

TABLE IV. — MARRIAGES.

ber of Marriages Registered during the Year 1899.

Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
2,801	288	1,480	462	4,247	13	982	797	6,576	2,678
185	18	110	30	314	—	61	59	515	172
140	17	87	25	209	1	49	45	463	153
102	6	40	14	124	1	30	40	295	99
242	19	151	48	479	1	101	61	710	252
186	23	132	36	232	1	43	62	394	172
383	38	172	70	617	1	162	114	737	350
201	25	107	22	273	—	61	53	459	189
198	15	99	29	261	—	59	39	433	178
301	41	139	54	430	1	86	71	575	266
284	31	185	46	523	—	149	96	770	324
364	32	161	57	512	2	112	87	762	330
215	23	97	31	273	5	69	70	463	193

TABLE V. — MARRIAGES. — 1899.

STATE AND COUNTIES: *By Age Periods.*

STATE AND COUNTIES.	ALL AGES.	AGE PERIODS.						
		14.	15.	16.	17.	18.	19.	20 to 25.
STATE TOTALS, . . .								
Grooms, . . .	23,523	—	—	—	9	102	263	7,642
Brides, . . .	23,523	6	28	139	414	1,264	1,519	10,090
Barnstable,								
Grooms, . . .	218	—	—	—	—	3	3	80
Brides, . . .	218	—	1	2	8	21	15	86
Berkshire,								
Grooms, . . .	606	—	—	—	—	3	11	225
Brides, . . .	606	2	1	7	17	36	42	269
Bristol,								
Grooms, . . .	2,358	—	—	—	1	10	46	1,001
Brides, . . .	2,358	2	4	25	79	194	209	1,011
Dukes,								
Grooms, . . .	17	—	—	—	—	—	—	7
Brides, . . .	17	—	—	—	1	—	2	7
Essex,								
Grooms, . . .	2,801	—	—	—	1	24	36	964
Brides, . . .	2,801	—	2	18	56	145	198	1,203
Franklin,								
Grooms, . . .	288	—	—	—	—	4	5	114
Brides, . . .	288	—	—	6	13	35	30	105
Hampden,								
Grooms, . . .	1,480	—	—	—	—	6	16	559
Brides, . . .	1,480	—	—	7	29	109	140	698
Hampshire,								
Grooms, . . .	462	—	—	—	1	5	6	161
Brides, . . .	462	—	—	3	10	30	32	204
Middlesex,								
Grooms, . . .	4,247	—	—	—	2	11	39	1,284
Brides, . . .	4,247	—	3	17	43	181	227	1,771
Nantucket,								
Grooms, . . .	13	—	—	—	—	—	—	3
Brides, . . .	13	—	—	—	—	—	—	6
Norfolk,								
Grooms, . . .	982	—	—	—	—	2	13	289
Brides, . . .	982	—	—	1	13	27	48	421
Plymouth,								
Grooms, . . .	797	—	—	—	1	8	9	295
Brides, . . .	797	—	2	10	16	56	65	343
Suffolk,								
Grooms, . . .	6,576	—	—	—	1	9	37	1,732
Brides, . . .	6,576	1	9	23	70	254	327	2,771
Worcester,								
Grooms, . . .	2,678	—	—	—	2	17	42	928
Brides, . . .	2,678	1	6	20	59	176	184	1,195

TABLE V. — MARRIAGES. — 1899.

STATE AND COUNTIES: *By Age Periods.*

25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	Over 80.
8,038	3,579	1,750	891	489	297	224	110	74	33	16	6
5,813	2,122	1,090	484	300	126	69	34	19	6	—	—
59	26	15	10	7	3	7	1	2	2	—	—
39	15	8	11	4	2	4	—	2	—	—	—
204	72	38	19	16	5	9	3	1	—	—	—
133	57	17	10	6	6	1	1	1	—	—	—
705	289	115	92	30	27	20	10	7	2	3	—
488	150	92	44	31	16	6	5	1	1	—	—
3	1	2	1	1	1	—	—	1	—	—	—
—	3	3	—	—	1	—	—	—	—	—	—
942	405	199	90	61	26	21	14	6	9	3	—
671	246	140	53	36	16	6	7	3	1	—	—
95	33	13	7	4	4	2	2	3	—	1	1
58	18	8	3	4	4	3	—	—	1	—	—
526	192	67	47	23	13	13	8	6	3	—	1
294	98	48	23	15	11	4	2	2	—	—	—
162	63	26	13	8	5	5	3	2	—	—	2
108	33	22	7	6	2	3	—	2	—	—	—
1,496	683	318	161	110	55	38	25	15	7	3	—
1,192	418	198	100	51	21	14	6	4	1	—	—
3	3	—	—	1	2	—	—	1	—	—	—
2	1	2	—	2	—	—	—	—	—	—	—
334	178	77	31	20	14	12	4	3	2	2	1
280	95	41	23	16	8	4	4	1	—	—	—
230	108	63	32	24	11	9	4	—	1	1	1
170	60	31	23	13	3	3	1	1	—	—	—
2,363	1,162	629	294	137	101	64	21	20	5	1	—
1,773	720	362	135	84	28	13	5	—	1	—	—
916	364	188	94	47	30	24	15	7	2	2	—
605	208	118	52	32	8	8	3	2	1	—	—

TABLE VI. — Continued.

(B.) First Marriage of Groom, Subsequent Marriage of Bride.

AGE OF MALES.	AGE OF FEMALES.														
	ALL AGES.	Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	Over 80.
ALL AGES,	1,224	10	152	331	304	254	104	46	16	3	4	—	—	—	—
Under 20, .	6	1	5	—	—	—	—	—	—	—	—	—	—	—	—
20 to 25, .	166	6	63	57	28	10	2	—	—	—	—	—	—	—	—
25 to 30, .	353	3	53	141	94	45	10	4	2	—	1	—	—	—	—
30 to 35, .	317	—	28	79	105	84	16	4	1	—	—	—	—	—	—
35 to 40, .	199	—	3	29	50	73	30	10	3	—	1	—	—	—	—
40 to 45, .	105	—	—	19	19	26	24	11	5	1	—	—	—	—	—
45 to 50, .	51	—	—	3	3	14	17	12	2	—	—	—	—	—	—
50 to 55, .	10	—	—	2	4	1	1	1	1	—	—	—	—	—	—
55 to 60, .	13	—	—	1	1	1	3	2	1	2	2	—	—	—	—
60 to 65, .	2	—	—	—	—	—	1	—	1	—	—	—	—	—	—
65 to 70, .	2	—	—	—	—	—	—	2	—	—	—	—	—	—	—
70 to 75, .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
75 to 80, .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Over 80, .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

(C.) Subsequent Marriage of Groom, but First Marriage of Bride.

ALL AGES,	1,948	115	493	524	339	254	122	60	26	11	2	2	—	—	—
Under 20, .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20 to 25, .	40	13	24	3	—	—	—	—	—	—	—	—	—	—	—
25 to 30, .	297	36	144	99	16	2	—	—	—	—	—	—	—	—	—
30 to 35, .	419	30	148	128	83	25	4	1	—	—	—	—	—	—	—
35 to 40, .	438	19	94	147	88	79	8	3	—	—	—	—	—	—	—
40 to 45, .	289	11	46	71	76	54	30	1	—	—	—	—	—	—	—
45 to 50, .	185	4	15	43	41	43	29	10	—	—	—	—	—	—	—
50 to 55, .	118	1	12	17	20	24	21	16	5	2	—	—	—	—	—
55 to 60, .	82	—	6	14	6	17	15	16	5	3	—	—	—	—	—
60 to 65, .	33	—	3	2	7	4	2	9	5	1	—	—	—	—	—
65 to 70, .	26	1	—	—	—	2	9	3	8	2	—	1	—	—	—
70 to 75, .	13	—	—	—	1	2	3	—	2	3	2	—	—	—	—
75 to 80, .	6	—	1	—	1	2	1	1	—	—	—	—	—	—	—
Over 80, .	2	—	—	—	—	—	—	—	1	—	—	1	—	—	—

TABLE VI. — Concluded.

(D.) Subsequent Marriage of Both Parties.

AGE OF MALES.	AGE OF FEMALES.														
	ALL AGES.	Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	Over 80.
ALL AGES,	1,066	1	28	124	182	224	163	169	73	54	26	17	5	-	-
Under 20, .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 to 25, .	4	-	2	2	-	-	-	-	-	-	-	-	-	-	-
25 to 30, .	44	-	8	16	16	2	1	-	-	1	-	-	-	-	-
30 to 35, .	102	1	7	27	40	19	7	1	-	-	-	-	-	-	-
35 to 40, .	175	-	2	39	50	60	14	6	3	1	-	-	-	-	-
40 to 45, .	193	-	4	19	36	55	52	21	5	1	-	-	-	-	-
45 to 50, .	148	-	2	13	19	37	35	30	9	3	-	-	-	-	-
50 to 55, .	136	-	2	5	14	26	22	41	16	8	1	1	-	-	-
55 to 60, .	117	-	1	-	7	14	21	39	20	11	3	1	-	-	-
60 to 65, .	67	-	-	2	-	6	9	16	9	13	9	2	1	-	-
65 to 70, .	46	-	-	1	-	2	2	11	9	5	11	5	-	-	-
70 to 75, .	20	-	-	-	-	1	-	3	2	6	1	6	1	-	-
75 to 80, .	10	-	-	-	-	1	-	1	-	4	1	-	3	-	-
Over 80, .	4	-	-	-	-	1	-	-	-	1	-	2	-	-	-

(E.) Conjugal Condition of Persons Married, 1899.

GROOMS.	Whole Number of Marriages.	BRIDES.				
		First Marriage.	Second Marriage.	Third Marriage.	Fourth Marriage.	Fifth Marriage.
Whole number, .	23,523	21,233	2,192	95	3	-
First marriage, .	20,509	19,285	1,196	28	-	-
Second marriage, .	2,773	1,839	889	43	2	-
Third marriage, .	219	100	96	23	-	-
Fourth marriage, .	20	8	11	1	-	-
Fifth marriage, .	2	1	-	-	1	-

DEATHS, 1899.

TABLE VII. — DEATHS. — 1899.

Distinguishing by Counties, by Months, and by Sex, the Registered Number of Persons who died during the Year.

Year and Month.	SEX.	STAT.	Barnstable.	Derksire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
The Year.	Totals,	47,710	463	1,436	4,849	88	6,057	623	2,890	900	8,954	69	2,177	1,708	11,946	5,550
	Males,	24,304	243	691	2,476	44	2,985	317	1,458	455	4,428	29	1,144	934	6,160	2,840
	Females,	23,406	220	745	2,373	44	3,072	306	1,432	445	4,426	40	1,033	774	5,786	2,710
Jan.	Totals,	5,181	51	164	469	13	712	66	337	110	946	6	243	215	1,260	589
	Males,	2,571	31	69	224	9	329	37	154	52	456	4	131	122	644	309
Feb.	Totals,	4,201	61	149	448	8	566	58	231	81	767	7	179	185	946	515
	Males,	2,080	40	71	209	—	265	23	119	33	388	1	78	93	502	258
Mar.	Totals,	2,121	21	78	239	8	301	35	112	48	379	6	101	92	444	257
	Males,	3,943	40	112	401	6	495	60	267	84	696	5	171	131	1,000	475
April.	Totals,	1,960	14	57	207	2	230	29	126	44	345	1	95	73	508	229
	Males,	1,983	26	55	194	4	265	31	141	40	351	4	76	58	492	246
May.	Totals,	3,888	36	116	376	5	458	53	212	67	742	6	165	149	1,033	470
	Males,	1,967	20	44	205	4	229	23	97	31	392	3	88	82	543	206
June.	Totals,	1,921	16	72	171	1	229	30	115	36	350	3	77	67	490	264
	Males,	3,652	29	106	354	7	482	40	201	54	712	5	172	138	927	425
July.	Totals,	1,886	18	47	182	2	244	20	110	31	339	3	96	70	493	231
	Females,	1,766	11	59	172	5	238	20	91	23	373	2	76	68	434	194

June.	Totals,	.	.	.	.	3,330	45	100	348	10	419	48	230	59	636	1	148	112	824	350
	Males,	.	.	.	.	1,756	28	52	178	6	214	26	128	34	344	1	75	73	425	172
	Females,	.	.	.	.	1,574	17	48	170	4	205	22	102	25	292	-	73	39	399	178
July.	Totals,	.	.	.	.	4,334	36	136	558	8	547	45	245	69	843	3	178	134	1,052	480
	Males,	.	.	.	.	2,256	16	70	291	5	283	28	132	36	416	2	82	80	549	266
	Females,	.	.	.	.	2,078	20	66	267	3	264	17	113	33	427	1	96	54	503	214
Aug.	Totals,	.	.	.	.	4,481	39	153	520	6	624	43	265	72	824	9	226	141	1,037	522
	Males,	.	.	.	.	2,330	22	77	277	3	301	25	141	31	436	5	128	72	535	277
	Females,	.	.	.	.	2,151	17	76	243	3	323	18	124	41	388	4	98	69	502	245
Sept.	Totals,	.	.	.	.	3,810	33	113	412	10	452	53	237	77	696	10	181	141	927	468
	Males,	.	.	.	.	1,974	15	56	208	6	237	28	120	41	349	4	100	77	473	260
	Females,	.	.	.	.	1,836	18	57	204	4	215	25	117	36	347	6	81	64	454	208
Oct.	Totals,	.	.	.	.	3,471	33	101	311	5	399	43	233	69	665	9	172	111	896	424
	Males,	.	.	.	.	1,716	14	56	157	2	200	20	111	35	318	2	85	61	438	217
	Females,	.	.	.	.	1,755	19	45	154	3	199	23	122	34	347	7	87	50	458	207
Nov.	Totals,	.	.	.	.	3,425	31	94	321	6	431	64	203	73	606	3	143	121	934	395
	Males,	.	.	.	.	1,742	12	46	166	2	219	31	102	38	306	1	77	65	482	195
	Females,	.	.	.	.	1,683	19	48	155	4	212	33	101	35	300	2	66	56	452	200
Dec.	Totals,	.	.	.	.	3,994	29	92	331	4	472	50	229	85	821	5	199	130	1,110	437
	Males,	.	.	.	.	2,066	13	46	172	3	234	27	118	49	439	2	109	66	568	220
	Females,	.	.	.	.	1,928	16	46	159	1	238	23	111	36	382	3	90	64	542	217

TABLE VIII.—DEATHS BY AGE AND SEX,

Distinguishing by Age and Sex the Number of Deaths registered in Each Population, distinguishing Sex, according to the Census of 1895,—and

STATES AND COUNTIES.	Population. Census 1895.	SEX.	Percentage of Deaths to Population.	No. of Deaths Registered 1899.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20
Massachusetts, {	2,500,183 1,214,701 1,285,482	Tot. Ma. Fe.	1.91 . .	47,710 24,304 23,406	10,532 5,829 4,703	2,226 1,185 1,041	1,026 525 501	622 318 304	421 220 201	1,059 520 539	626 314 312	1,087 530 557
Barnstable, . . {	27,654 13,294 14,360	Tot. Ma. Fe.	1.67 . .	463 243 220	54 35 19	10 6 4	7 5 2	8 6 2	2 - 2	13 4 9	5 3 2	9 7 2
Berkshire, . . {	86,292 42,525 43,767	Tot. Ma. Fe.	1.66 . .	1,436 691 745	302 161 141	54 32 22	18 11 7	14 6 8	5 2 3	24 9 15	22 9 13	36 16 20
Bristol, . . . {	219,019 105,582 113,437	Tot. Ma. Fe.	2.21 . .	4,849 2,476 2,373	1,508 847 661	288 152 136	99 60 39	62 28 34	39 17 22	91 46 45	72 34 38	119 68 51
Dukes, . . . {	4,238 2,057 2,181	Tot. Ma. Fe.	2.08 . .	88 44 44	11 6 5	4 3 1	- 1 -	1 - -	- - -	- 1 -	2 1 1	2 - 2
Essex, . . . {	330,393 161,913 168,480	Tot. Ma. Fe.	1.83 . .	6,057 2,985 3,072	1,312 715 597	296 161 135	135 69 66	87 37 50	60 31 29	139 79 60	84 45 39	127 55 72
Franklin, . . {	40,145 20,293 19,852	Tot. Ma. Fe.	1.55 . .	623 317 306	82 44 38	17 12 5	9 6 3	4 - 4	3 - 3	11 4 7	8 5 3	10 3 7
Hampden, . . {	152,938 74,133 78,805	Tot. Ma. Fe.	1.89 . .	2,890 1,458 1,432	735 413 322	132 72 60	62 25 37	39 21 18	29 13 16	82 50 32	36 21 15	78 35 43
Hampshire, . . {	54,710 26,061 28,649	Tot. Ma. Fe.	1.65 . .	900 455 445	138 78 60	15 7 8	17 8 9	9 6 3	5 - 5	16 7 9	9 3 6	17 10 7
Middlesex, . . {	499,217 239,323 259,894	Tot. Ma. Fe.	1.79 . .	8,954 4,528 4,426	1,953 1,104 849	399 211 188	184 92 92	120 70 50	83 42 41	189 92 97	130 68 62	190 96 94
Nantucket, . . {	3,016 1,315 1,701	Tot. Ma. Fe.	2.29 . .	69 29 40	7 3 4	1 1 -	1 1 -	1 - 1	- - -	- - -	- - -	- - -
Norfolk, . . . {	134,819 64,780 70,039	Tot. Ma. Fe.	1.61 . .	2,177 1,144 1,033	407 219 188	75 36 39	39 22 17	21 11 10	8 7 1	43 18 25	26 11 15	56 30 26
Plymouth, . . {	101,498 50,694 50,804	Tot. Ma. Fe.	1.68 . .	1,708 934 774	240 140 100	37 21 16	33 16 17	12 7 5	10 5 5	32 20 12	23 11 12	43 21 22
Suffolk, . . . {	539,799 260,675 279,124	Tot. Ma. Fe.	2.21 . .	11,946 6,160 5,786	2,564 1,402 1,162	682 351 331	308 151 157	174 88 86	119 74 45	280 127 153	133 64 69	278 133 145
Worcester, . . {	306,445 152,056 154,389	Tot. Ma. Fe.	1.81 . .	5,550 2,840 2,710	1,219 662 557	216 120 96	114 59 55	70 37 33	58 29 29	139 64 75	76 39 37	122 56 66

AND BY COUNTIES.—1899.

County and in the State during the Year 1899,—in Connection with the also with the Percentage of the Registered Number of Deaths to the Population.

20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 to 100	100 and over.	Unknown.
1,742 837 905	2,013 1,010 1,003	1,935 1,027 908	1,973 1,064 909	1,733 896 837	1,873 990 883	2,095 1,097 998	2,297 1,142 1,155	2,514 1,296 1,218	2,732 1,317 1,415	2,774 1,299 1,475	2,725 1,336 1,389	1,946 895 1,051	1,159 460 699	427 137 290	122 32 90	21 5 16	30 23 7
8 3 5	12 5 7	17 14 3	12 11 1	15 6 9	7 3 4	22 11 11	29 13 16	21 11 10	39 25 14	36 15 21	53 25 28	49 23 26	23 6 17	11 5 6	1 1 -	- - -	- - -
50 19 31	46 22 30	63 33 30	43 18 25	46 19 27	54 30 24	50 19 31	58 30 28	73 34 39	103 54 49	111 63 66	117 45 54	69 29 26	44 18 24	23 9 16	7 - 7	1 - 1	3 - 3
167 80 87	181 97 74	141 67 78	178 100 78	134 69 65	150 76 74	222 105 117	216 95 121	232 112 120	217 112 105	219 101 118	204 94 110	156 69 87	100 40 60	39 12 27	11 3 8	3 1 2	1 1 -
5 3 2	4 2 2	3 1 2	1 - 1	3 1 2	4 3 1	- - -	5 1 4	4 2 2	5 - 5	8 5 3	10 6 4	8 5 3	5 3 2	2 1 1	1 - 1	- - -	- - -
221 109 112	213 108 105	226 115 111	241 118 123	199 97 102	235 111 124	251 121 130	288 137 151	324 162 162	357 172 185	386 161 225	354 170 184	249 109 140	173 74 99	70 21 49	21 5 16	3 - 3	6 3 3
27 12 15	20 10 10	12 4 8	16 6 10	16 11 5	27 10 17	24 14 10	32 18 14	43 22 21	57 26 31	49 37 23	55 31 18	58 27 27	28 9 19	9 2 7	4 3 1	1 1 -	1 1 -
123 56 67	124 60 64	106 55 51	116 58 58	84 40 44	109 53 56	109 57 52	114 53 61	147 73 74	171 73 97	139 74 69	142 65 77	125 27 68	61 17 34	17 6 11	7 1 6	1 1 -	2 2 -
21 11 10	40 26 14	24 21 3	35 13 22	32 8 16	25 8 17	35 23 17	50 30 27	52 30 45	75 30 22	79 43 36	87 46 41	58 27 31	40 20 20	16 4 12	5 1 4	- - -	- - -
355 174 181	386 187 199	380 176 204	367 175 192	313 162 151	350 192 158	370 220 176	441 237 221	464 253 290	543 270 245	515 240 282	527 250 206	376 170 206	207 87 120	87 32 55	16 6 10	5 - 5	4 3 -
1 - 1	- - -	- - -	1 - -	2 - 2	4 2 -	1 1 -	2 1 1	3 1 2	5 1 4	8 1 4	10 2 8	9 6 3	9 3 6	2 - 2	2 - -	- - -	- - -
78 42 36	93 49 44	74 42 32	78 45 33	74 37 37	74 44 30	117 66 51	101 55 46	124 63 61	124 65 59	170 90 80	163 88 75	120 73 56	73 28 45	26 7 19	6 1 5	1 - 1	6 4 2
57 33 24	62 30 32	40 19 21	61 36 25	62 40 22	62 46 16	69 46 27	89 52 36	94 52 42	135 68 67	160 87 73	156 112 72	152 55 57	85 33 52	28 12 16	4 2 2	- - -	1 1 1
448 213 235	618 325 293	639 373 266	638 372 266	574 305 269	567 310 257	596 329 267	599 310 289	603 315 288	591 279 312	555 241 314	453 208 245	291 122 169	160 48 112	53 14 39	17 3 14	4 1 3	2 2 -
181 82 99	214 99 115	210 107 103	186 111 75	179 86 93	205 102 103	229 121 108	273 133 140	330 182 152	310 158 168	339 171 191	394 203 191	266 128 138	151 64 87	44 12 32	20 4 16	2 1 1	3 3 -

TABLE VIII. — SUPPLEMENT A.

CITIES.	Population Census 1895.	SEX.	Percentage of Deaths to Population.	No. of Deaths Registered 1899.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20
Beverly, . . .	11,806	Tot. Ma. Fe.	1·65 . .	195 84 111	40 16 24	9 4 5	3 2 1	2 - 2	3 3 -	5 3 2	4 1 3	5 2 3
Boston, . . .	496,920	Tot. Ma. Fe.	2·25 . .	11,174 5,765 5,409	2,401 1,326 1,075	634 327 307	298 146 152	167 86 81	112 72 40	268 127 141	119 55 64	262 126 136
Brockton, . . .	33,165	Tot. Ma. Fe.	1·39 . .	462 250 212	100 64 36	15 10 5	16 6 10	4 3 1	4 3 1	17 9 8	5 3 2	17 10 7
Cambridge, . . .	81,643	Tot. Ma. Fe.	1·87 . .	1,525 750 775	377 192 185	89 48 41	44 27 17	26 16 10	16 6 10	54 24 30	20 14 6	32 11 21
Chelsea, . . .	31,264	Tot. Ma. Fe.	1·92 . .	601 312 289	119 57 62	38 15 23	11 6 5	6 2 4	3 1 2	15 5 10	2 2 -	11 6 5
Chicopee, . . .	16,420	Tot. Ma. Fe.	2·21 . .	363 186 177	126 75 51	18 12 6	7 4 3	7 5 2	1 1 -	8 3 5	6 5 1	7 3 4
Everett, . . .	18,573	Tot. Ma. Fe.	1·91 . .	354 164 190	91 52 39	15 8 7	13 4 9	6 3 3	4 2 2	9 4 5	7 4 3	6 2 4
Fall River, . . .	89,203	Tot. Ma. Fe.	2·42 . .	2,157 1,081 1,076	869 466 403	173 85 88	48 28 20	29 17 12	17 8 9	36 18 18	37 19 18	53 28 25
Fitchburg, . . .	26,409	Tot. Ma. Fe.	1·56 . .	413 208 205	119 60 59	20 13 7	7 5 2	5 3 2	5 2 3	19 9 10	7 3 4	8 4 4
Gloucester, . . .	28,211	Tot. Ma. Fe.	1·40 . .	394 221 173	82 39 43	19 9 10	8 4 4	3 1 2	13 7 6	15 10 5	6 4 2	7 4 3
Haverhill, . . .	34,945	Tot. Ma. Fe.	1·58 . .	552 265 287	104 52 52	20 13 7	14 8 10	13 3 3	7 4 5	10 5 5	9 4 5	8 1 7
Holyoke, . . .	40,322	Tot. Ma. Fe.	1·80 . .	727 376 351	257 152 105	35 21 14	9 5 4	12 7 5	4 2 2	20 15 5	12 8 5	25 9 16
Lawrence, . . .	52,164	Tot. Ma. Fe.	2·37 . .	1,235 596 639	404 224 180	82 37 45	36 15 21	27 13 14	15 6 9	41 19 22	13 5 8	27 9 18
Lowell, . . .	84,367	Tot. Ma. Fe.	2·19 . .	1,851 917 934	555 326 229	112 53 59	46 20 26	34 18 16	28 15 13	37 17 20	20 14 14	45 20 25
Lynn, . . .	62,354	Tot. Ma. Fe.	1·66 . .	1,034 527 507	189 104 85	46 28 18	18 9 9	11 3 8	8 6 2	24 19 5	18 9 9	22 8 14
Malden . . .	29,708	Tot. Ma. Fe.	1·59 . .	473 236 237	100 61 39	19 11 8	12 6 6	4 3 1	3 1 2	7 3 4	6 4 2	11 9 2
Marlborough . .	14,977	Tot. Ma. Fe.	1·48 . .	221 119 102	52 33 19	8 2 6	4 2 2	4 - -	- - -	6 3 3	2 1 1	5 4 1
Medford, . . .	14,474	Tot. Ma. Fe.	1·51 . .	218 115 103	43 24 19	8 6 2	5 2 3	2 1 1	4 2 2	7 2 -	3 2 1	4 3 1
New Bedford, . .	55,251	Tot. Ma. Fe.	2·13 . .	1,179 601 578	362 212 150	57 33 24	34 22 12	18 5 13	8 3 5	26 13 13	19 8 11	27 14 13

DEATHS BY AGE AND SEX, AND BY CITIES. — 1899.

20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 to 100	100 and over.	Unknown.
4 1 3	7 3 4	9 2 7	4 2 2	7 4 3	2 2 -	8 1 7	10 5 5	10 7 3	14 5 9	16 5 11	12 8 4	9 4 5	6 3 4	4 - 3	2 1 1	- - -	- - -
423	586	614	606	541	541	560	551	556	540	513	401	265	145	48	18	4	1
201	309	358	355	294	293	308	275	284	253	222	178	107	44	13	4	1	1
222	277	256	251	247	248	252	276	272	287	291	223	158	101	35	14	3	-
23	28	15	28	19	13	18	18	20	28	26	21	12	12	3	-	-	-
11	12	4	13	12	9	12	11	10	17	11	13	4	2	1	-	-	-
12	16	11	15	7	4	6	7	10	11	15	8	8	10	2	-	-	-
55	72	58	63	45	43	61	66	65	94	66	68	51	37	18	2	1	2
21	34	33	31	22	22	34	38	31	41	29	32	22	13	7	1	-	1
34	38	25	32	23	21	27	28	34	53	37	36	29	24	11	1	1	1
24	27	21	22	26	21	30	39	40	40	32	43	18	11	2	-	-	-
11	13	13	14	9	14	17	31	25	20	12	26	10	3	-	-	-	-
13	14	8	8	17	7	13	8	15	20	20	17	8	8	2	-	-	-
15	20	9	12	18	11	8	10	20	19	16	11	7	3	3	1	-	-
5	11	7	8	8	1	5	4	8	5	7	6	2	1	-	-	-	-
10	9	2	4	10	10	3	6	12	14	9	5	5	2	3	1	-	-
17	17	13	17	10	22	11	17	9	18	15	15	9	5	6	1	1	-
8	5	5	7	4	10	4	7	4	9	6	9	3	1	3	-	-	-
9	12	8	10	6	12	7	10	5	9	6	6	4	4	3	1	1	-
72	79	59	78	57	68	76	87	100	70	69	39	24	14	3	-	-	-
33	32	29	44	34	31	35	37	43	30	30	18	9	6	1	-	-	-
39	47	30	34	23	37	41	50	57	40	39	21	15	8	2	-	-	-
12	19	17	9	11	12	21	21	24	21	16	18	11	7	2	2	-	-
3	5	10	8	8	4	12	12	12	9	10	9	2	4	1	-	-	-
9	14	7	1	3	8	9	9	12	12	6	9	9	3	1	2	-	-
16	18	21	21	18	18	21	12	24	8	25	19	13	5	2	-	-	-
9	12	13	14	13	15	14	6	11	2	10	14	5	4	1	-	-	-
7	6	8	7	5	3	7	6	13	6	15	5	8	1	1	-	-	-
22	26	24	30	21	24	30	33	25	29	39	24	21	13	5	1	-	-
13	12	17	14	8	12	8	19	12	16	16	10	12	5	1	-	-	-
9	14	7	16	13	12	22	14	13	13	23	14	9	8	4	1	-	-
35	36	30	28	18	25	26	29	30	32	16	20	18	7	2	1	-	-
16	16	11	10	7	9	16	14	15	13	8	7	10	5	-	-	-	-
19	20	19	18	11	16	10	15	15	19	8	13	8	2	2	1	-	-
49	53	46	47	35	47	37	67	54	51	32	32	16	18	3	2	1	-
20	25	20	24	15	22	19	26	29	22	14	13	9	9	1	-	-	-
29	28	26	23	20	25	18	41	25	29	18	19	7	9	2	2	1	-
86	77	81	77	65	68	82	89	68	76	72	63	34	26	6	3	1	-
40	39	34	32	31	38	41	35	30	31	28	24	22	13	3	1	-	-
46	38	47	45	34	30	41	54	38	45	44	39	12	13	3	2	1	-
41	41	46	59	41	55	46	50	63	62	74	46	33	24	13	4	-	-
21	25	24	28	18	20	22	26	34	35	36	27	13	8	3	1	-	-
20	16	22	31	23	35	24	24	29	27	38	19	20	16	10	3	-	-
16	15	21	19	23	26	20	28	25	29	21	33	22	8	5	-	-	-
7	3	6	7	10	15	13	15	9	15	7	13	12	5	1	-	-	-
9	12	15	12	13	11	7	13	16	14	14	20	10	3	4	-	-	-
13	10	10	11	4	9	3	6	15	13	13	15	11	4	3	-	-	-
4	5	3	5	2	6	2	3	11	7	8	6	5	2	1	-	-	-
9	5	7	6	2	3	1	3	4	6	5	9	6	2	2	-	-	-
8	10	4	7	9	7	9	18	9	11	13	15	12	9	1	-	-	-
5	5	3	7	5	5	6	5	5	5	3	7	4	-	-	-	-	-
3	5	1	4	2	2	4	12	4	6	8	12	5	5	1	-	-	-
49	42	22	39	32	36	54	57	44	57	47	61	42	28	12	3	2	1
19	20	6	20	15	17	27	29	26	32	22	21	22	12	2	-	-	1
30	22	16	19	17	19	27	28	18	25	25	40	20	16	10	3	2	-

TABLE VIII. — SUPPLEMENT A. — Concluded.

CITIES.	Population. Census 1895.	SEX.	Percentage of Deaths to Population.	No. of Deaths Registered 1899.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20
Newburyport, .	14,562	Tot. Ma. Fe.	1.88 . .	274 119 155	36 20 16	14 7 7	10 5 5	4 3 1	2 — 2	3 1 3	2 1 1	6 2 4
Newton, . . .	27,590	Tot. Ma. Fe.	1.60 . .	443 231 212	95 61 34	26 12 14	6 4 2	7 4 3	5 4 1	8 4 4	11 5 6	10 9 1
North Adams, .	19,135	Tot. Ma. Fe.	1.60 . .	306 140 166	84 42 42	18 10 8	9 8 1	1 — 1	— 2 —	4 2 2	6 2 4	11 4 7
Northampton, .	16,746	Tot. Ma. Fe.	1.79 . .	299 154 145	31 20 11	5 2 3	3 — 1	2 1 1	1 — 1	3 1 2	5 3 2	3 1 2
Pittsfield, . . .	20,461	Tot. Ma. Fe.	1.61 . .	330 146 184	59 29 30	11 6 5	1 — 1	4 1 3	1 — 1	5 1 4	6 4 2	8 3 5
Quincy, . . .	20,712	Tot. Ma. Fe.	1.72 . .	357 194 163	108 48 60	19 8 11	11 5 4	5 2 3	— — —	7 3 4	7 4 3	6 6 3
Salem, . . .	34,473	Tot. Ma. Fe.	2.07 . .	713 375 338	198 124 74	45 28 17	22 13 9	9 4 5	5 2 3	8 4 4	10 5 5	11 4 7
Somerville, . . .	52,200	Tot. Ma. Fe.	1.53 . .	801 392 409	171 96 75	41 27 14	15 8 7	9 7 2	6 6 5	13 5 8	7 1 6	13 8 5
Springfield, . . .	51,522	Tot. Ma. Fe.	1.88 . .	967 458 509	177 90 87	45 21 24	26 11 15	13 6 7	16 7 9	31 20 11	6 3 3	28 13 15
Taunton, . . .	27,115	Tot. Ma. Fe.	2.47 . .	671 368 303	133 86 47	26 16 10	9 2 7	4 1 3	5 2 3	14 6 8	8 3 5	16 11 5
Waltham, . . .	20,876	Tot. Ma. Fe.	1.55 . .	324 142 182	56 32 24	8 4 4	7 — 3	1 — 1	— — —	6 4 2	15 10 5	11 5 6
Woburn, . . .	14,178	Tot. Ma. Fe.	1.66 . .	236 119 117	54 28 26	16 6 10	5 1 4	4 — 4	2 1 1	3 1 2	2 2 —	4 3 1
Worcester, . . .	98,767	Tot. Ma. Fe.	1.86 . .	1,837 953 884	422 239 183	67 40 27	31 15 16	30 18 12	14 2 12	42 17 25	30 16 14	45 20 25

SUPPLEMENT B. — DEATHS IN 53 TOWNS

53 towns of over 5,000 population, census of 1895.	398,754	Tot. Ma. Fe.	1.69 . .	6,740 3,399 3,341	1,359 733 626	246 130 116	136 73 63	76 38 38	62 32 30	153 75 78	95 46 49	166 79 87
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SUPPLEMENT C. — DEATHS IN 268 TOWNS

268 towns under 5,000 population, census of 1895.	465,662	Tot. Ma. Fe.	1.78 . .	8,284 4,341 3,943	1,159 646 513	223 133 89	102 53 49	73 40 33	47 20 27	135 64 71	101 52 49	167 92 75
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DEATHS BY AGE AND SEX, AND BY CITIES. — 1899.

20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 to 100	100 and over.	Unknown.
11 7 4	7 4 3	10 3 7	7 3 4	8 4 4	12 6 6	12 6 6	12 2 10	14 8 6	33 12 21	20 7 13	23 8 15	12 5 7	14 6 8	2 - 2	- - -	- - -	- - -
11 5 6	13 3 10	6 3 3	12 9 3	20 10 10	20 10 10	19 7 12	19 13 6	20 12 8	28 13 15	39 16 23	22 10 12	24 8 16	14 7 7	7 2 5	1 - 1	- - -	- - -
19 8 11	13 5 8	15 9 6	10 3 7	8 1 7	12 4 8	10 6 4	12 10 8	13 4 8	18 5 9	24 10 14	11 5 6	3 2 2	5 1 3	- - -	- - -	- - -	- - -
14 6 8	16 11 5	11 10 1	12 3 9	20 11 9	7 1 6	16 9 7	26 13 13	17 12 5	22 6 16	25 12 13	30 16 14	16 9 7	10 4 6	4 3 1	- - -	- - -	- - -
7 5 2	10 6 4	15 7 8	12 4 8	16 8 8	10 3 7	11 5 6	20 13 7	18 8 10	24 10 14	26 7 19	27 15 12	16 5 13	14 5 9	7 1 6	- - -	- - -	2 2 -
11 7 4	18 13 5	19 12 7	13 9 4	14 8 6	5 4 1	14 10 4	15 8 6	11 8 3	13 9 4	23 9 8	16 9 7	15 1 5	4 1 3	3 - 3	- - -	- - -	- - -
25 15 10	27 13 14	18 14 4	21 12 9	15 4 11	15 9 6	25 15 10	36 21 15	34 16 18	38 21 17	42 13 29	42 16 26	32 10 22	19 7 12	12 4 3	4 1 3	- - -	- - -
35 19 16	32 19 13	32 13 19	34 12 22	27 14 13	28 34 14	34 13 21	37 15 22	51 25 26	64 23 41	50 24 26	48 23 25	35 12 23	13 5 8	5 2 3	1 - -	- - -	- - -
42 19 23	46 20 26	35 18 17	43 21 22	31 15 16	47 32 15	42 20 22	39 18 21	57 27 30	64 22 39	48 25 26	54 21 33	44 16 28	24 9 15	6 3 3	8 1 2	- - -	- - -
19 12 7	31 17 14	29 12 12	29 12 10	23 13 8	21 13 19	41 22 21	37 16 19	39 20 18	41 23 18	43 21 22	32 13 11	33 8 20	22 5 14	11 4 6	4 2 2	1 - -	- - -
19 8 11	20 11 9	16 8 8	16 6 10	9 5 4	14 5 9	12 3 9	12 4 8	26 7 19	15 4 11	18 9 13	22 9 9	11 2 2	6 2 4	4 - 4	- - -	- - -	- - -
12 6 6	12 6 6	16 8 8	9 7 2	5 3 2	7 3 4	10 5 5	10 6 4	11 8 5	12 8 4	9 5 11	21 10 4	8 4 2	2 - 2	2 - -	- - -	- - -	- - -
58 31 27	74 33 41	84 47 37	79 42 37	78 37 41	86 44 42	80 47 33	113 58 55	128 72 56	96 51 45	68 27 41	101 49 52	68 27 41	30 17 13	10 3 7	2 - 2	- - -	1 1 -

OVER 5,000 POPULATION IN 1895.

238 117 121	242 137 105	234 108 126	234 125 109	197 110 87	258 134 124	303 160 143	293 143 150	382 203 179	425 201 224	468 220 248	503 247 256	367 179 188	201 73 128	66 23 43	19 6 13	6 1 5	11 6 5
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UNDER 5,000 POPULATION IN 1895.

241 124 117	269 126 143	275 152 123	265 152 113	262 132 130	283 163 120	345 174 171	408 208 200	492 261 231	627 335 292	750 405 345	817 440 377	634 321 313	399 170 229	147 52 95	48 13 35	4 2 2	12 11 1
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CAUSES OF DEATH,

NOSOLOGICALLY ARRANGED,

1899.

TABLE IX. — CAUSES OF

*Distinguishing by Months, by Age, and by Sex, the Registered
(arranged) during*

CAUSES OF DEATH.	DEATHS.		MONTHS.											
	Sex.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
ALL CAUSES, {	T. 47,710	-	-	-	-	-	-	-	-	-	-	-	-	-
	M. 24,304	2,571	2,080	1,960	1,967	1,886	1,756	2,256	2,330	1,974	1,716	1,742	2,066	
	F. 23,406	2,610	2,121	1,983	1,921	1,766	1,574	2,078	2,151	1,836	1,755	1,683	1,928	
ZYMOTIC DISEASES, {	T. 7,047	-	-	-	-	-	-	-	-	-	-	-	-	-
	M. 3,646	288	220	215	198	187	199	621	640	376	238	221	243	
	F. 3,401	344	232	188	187	164	177	552	599	373	219	158	208	
I. 1. Miasmatic, {	T. 6,561	-	-	-	-	-	-	-	-	-	-	-	-	-
	M. 3,363	266	200	186	178	162	178	603	624	351	215	193	207	
	F. 3,198	324	216	166	159	147	161	533	580	357	212	146	197	
Small-pox, {	T. 14	-	-	-	-	-	-	-	-	-	-	-	-	-
	M. 6	-	-	-	-	1	1	1	1	-	1	-	1	
	F. 8	-	-	-	-	1	1	-	-	-	4	1	1	
Measles, {	T. 241	-	-	-	-	-	-	-	-	-	-	-	-	-
	M. 132	12	12	10	17	21	21	12	9	2	5	4	7	
	F. 109	10	9	18	15	17	16	12	3	4	-	1	4	
Scarlatina, {	T. 235	-	-	-	-	-	-	-	-	-	-	-	-	-
	M. 104	4	6	8	7	16	10	8	4	6	8	11	16	
	F. 131	9	12	5	12	9	16	5	7	6	9	13	28	
Diphtheria, {	T. 866	-	-	-	-	-	-	-	-	-	-	-	-	-
	M. 422	35	28	29	27	28	20	28	26	34	57	44	66	
	F. 444	32	26	21	26	35	18	30	28	47	62	48	71	
Cerebro-Spinal Meningitis, {	T. 240	-	-	-	-	-	-	-	-	-	-	-	-	-
	M. 137	11	3	17	15	13	5	16	13	9	12	12	11	
	F. 103	7	7	12	11	9	10	11	5	10	5	8	8	
Quinsy, .	M. 1	-	-	-	-	-	-	-	1	-	-	-	-	
-Parotitis, {	T. 28	-	-	-	-	-	-	-	-	-	-	-	-	-
	M. 11	1	-	-	-	2	-	-	1	1	1	4	1	
	F. 17	2	2	1	2	1	-	1	2	2	1	1	2	
Croup, {	T. 181	-	-	-	-	-	-	-	-	-	-	-	-	-
	M. 96	11	9	11	9	7	3	6	4	8	5	12	11	
	F. 85	8	9	6	7	4	3	5	4	9	12	5	13	
Whooping-cough, {	T. 338	-	-	-	-	-	-	-	-	-	-	-	-	-
	M. 148	18	16	15	21	5	9	15	17	13	6	6	7	
	F. 190	34	19	13	17	14	7	17	24	13	15	7	10	
Typhoid Fever, {	T. 612	-	-	-	-	-	-	-	-	-	-	-	-	-
	M. 375	35	16	14	22	17	14	26	28	66	50	47	40	
	F. 237	23	13	9	14	11	6	18	28	39	30	23	23	
Erysipelas, {	T. 193	-	-	-	-	-	-	-	-	-	-	-	-	-
	M. 108	17	10	19	15	11	8	4	2	3	4	9	6	
	F. 85	9	11	10	10	10	5	6	4	7	3	6	4	
Puerp. Fever, F.	F. 23	1	2	1	4	3	2	3	3	1	2	1	-	

DEATH.—(*Nosological Arrangement.*)

Number of Deaths from Various Specified Causes (Nosologically the Year 1899.

AGES.																	
Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	Over 100	Unknown.
5,829 4,703	1,185 1,041	525 501	318 304	220 201	520 539	314 312	530 557	1,847 1,908	2,091 1,817	1,886 1,720	2,239 2,153	2,613 2,633	2,635 2,864	1,355 1,750	169 380	5 16	23 7
1,362 1,162	358 318	190 217	139 125	93 102	200 226	76 89	72 75	210 175	202 159	130 101	160 124	162 155	195 217	81 134	14 22	-	2
1,323 1,132	346 314	187 216	136 122	90 99	190 224	71 85	69 70	187 134	152 109	89 80	111 101	139 149	180 210	77 131	14 22	-	2
-	-	-	1	-	-	-	-	1	2	1	1	2	-	-	-	-	-
-	1	-	-	-	-	-	1	3	1	-	-	-	-	-	-	-	-
28 28	51 35	21 24	12 7	4 4	11 4	1 1	- 1	1 1	3 3	- 1	- -	- -	- -	- -	- -	- -	-
5 7	11 18	17 24	19 20	15 15	23 35	4 7	3 1	1 1	4 3	- -	2 -	- -	- -	- -	- -	- -	-
28 22	66 55	78 85	63 60	44 50	99 123	21 27	8 5	4 7	4 2	1 3	4 1	1 2	- 1	1 1	- -	- -	-
36 23	13 13	15 15	8 3	4 5	9 11	7 7	9 4	17 11	5 4	6 4	1 -	4 2	3 1	- -	- -	- -	-
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 1	- 2	1 2	1 1	- 2	2 4	1 -	- -	- -	- 1	- 1	- 2	- -	- -	1 1	- -	1 -	-
12 7	25 24	20 20	13 12	10 8	16 11	- 3	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	-
94 114	33 39	9 17	5 7	2 4	2 7	- 1	1 -	- -	- 1	- -	- -	- -	- -	1 -	1 -	- -	-
1 -	- 1	1 -	2 -	2 2	11 9	18 23	34 42	126 60	90 42	40 24	27 16	15 12	7 5	1 1	- -	- -	-
26 22	- 1	- 2	- -	- -	- 1	2 1	2 1	6 9	14 6	12 9	13 11	7 14	19 3	6 5	- -	- -	1 -
-	-	-	-	-	-	-	1	13	7	2	-	-	-	-	-	-	-

TABLE IX. — Continued.

CAUSES OF DEATH.	DEATHS.		MONTHS.								
	SEX.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.
I. 1. Miasmatic — Con.											
Carbuncle,	Totals, .	6	-	-	-	-	-	-	-	-	-
	Males, .	5	-	-	1	1	-	-	-	2	-
	Females, .	1	-	-	-	-	-	1	-	-	-
Influenza,	Totals, .	570	-	-	-	-	-	-	-	-	-
	Males, .	233	93	70	25	12	6	2	1	1	1
	Females, .	337	164	90	35	17	8	6	1	-	1
Dysentery,	Totals, .	268	-	-	-	-	-	-	-	-	-
	Males, .	126	4	4	2	3	3	6	25	45	19
	Females, .	142	2	1	1	1	2	1	34	51	29
Diarrhœa,	Totals, .	382	-	-	-	-	-	-	-	-	-
	Males, .	204	6	9	13	10	10	12	45	50	24
	Females, .	178	6	4	11	6	4	13	25	49	37
Cholera Infantum,	Totals, .	1,964	-	-	-	-	-	-	-	-	-
	Males, .	1,049	6	1	4	6	5	52	398	391	148
	Females, .	915	4	1	3	3	6	43	342	337	137
Cholera,	Totals, .	70	-	-	-	-	-	-	-	-	-
	Males, .	30	-	-	-	1	-	2	7	13	6
	Females, .	40	2	-	1	-	1	-	7	20	6
Ague,	Totals, .	52	-	-	-	-	-	-	-	-	-
	Males, .	30	1	2	1	1	3	2	3	4	4
	Females, .	22	1	1	2	-	1	1	4	5	4
Remittent Fever,	Totals, .	3	-	-	-	-	-	-	-	-	-
	Males, .	2	-	-	-	-	-	-	1	-	1
	Females, .	1	-	-	-	-	-	1	-	-	-
Rheumatism,	Totals, .	274	-	-	-	-	-	-	-	-	-
	Males, .	144	12	14	17	11	14	11	7	12	6
	Females, .	130	10	9	17	14	11	11	12	10	5
I. 2. Ethetic,	Totals, .	284	-	-	-	-	-	-	-	-	-
	Males, .	128	10	11	18	7	14	9	6	5	10
	Females, .	156	16	14	20	19	12	10	15	12	14
Syphilis,	Totals, .	59	-	-	-	-	-	-	-	-	-
	Males, .	35	4	5	3	3	2	4	1	4	2
	Females, .	24	5	1	4	2	1	3	3	-	1
Stricture of Urethra,	Males, .	2	-	-	1	-	-	-	-	-	1
Septicæmia,	Totals, .	223	-	-	-	-	-	-	-	-	-
	Males, .	91	6	6	14	4	12	5	5	1	7
	Females, .	132	11	13	16	17	11	7	12	12	13
I. 3. Dietetic,	Totals, .	199	-	-	-	-	-	-	-	-	-
	Males, .	154	12	9	11	13	11	12	12	11	15
	Females, .	45	4	2	2	9	5	5	4	6	2
Purpura and Scurvy,	Totals, .	29	-	-	-	-	-	-	-	-	-
	Males, .	19	1	1	3	-	2	1	2	3	-
	Females, .	10	1	1	-	2	2	1	2	1	-
Delirium Tremens,	Totals, .	30	-	-	-	-	-	-	-	-	-
	Males, .	25	2	3	-	-	2	2	2	2	3
	Females, .	5	-	-	-	3	-	-	-	-	1
Intoxication,	Totals, .	140	-	-	-	-	-	-	-	-	-
	Males, .	110	9	5	8	13	7	9	8	6	12
	Females, .	30	3	1	2	4	3	4	2	5	1
I. 4. Parasitic,	Totals, .	3	-	-	-	-	-	-	-	-	-
	Males, .	1	-	-	-	-	-	-	-	-	-
	Females, .	2	-	-	-	-	-	1	-	1	-

Nosological Arrangement.

[illegible]

TABLE IX.—Continued.

CAUSES OF DEATH.	DEATHS.		MONTHS.									
	SEX.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	
I. 4. Parasitic — Con.												
Thrush,	{	Totals,	3	-	-	-	-	-	-	-	-	-
		Males,	1	-	-	-	-	-	-	-	-	-
		Females,	2	-	-	-	-	1	-	1	-	-
CONSTITUTIONAL DISEASES,												
	{	Totals,	9,283	423	313	375	398	371	346	379	426	388
		Males,	4,451	413	383	418	423	419	371	395	409	420
		Females,	4,832									
II. 1. Diathetic,												
	{	Totals,	2,313	-	-	-	-	-	-	-	-	-
		Males,	795	73	53	60	69	69	73	65	69	58
		Females,	1,518	128	114	131	128	125	136	116	116	122
Dropsy,	{	Totals,	69	4	-	-	-	-	-	-	-	-
		Males,	23	4	1	1	2	-	1	3	2	2
		Females,	46	5	3	5	5	7	2	2	2	6
Anæmia,	{	Totals,	258	-	-	-	-	-	-	-	-	-
		Males,	96	11	2	10	13	9	10	7	7	7
		Females,	162	12	19	15	19	13	12	6	18	9
Cancer (part not stated),	{	Totals,	881	-	-	-	-	-	-	-	-	-
		Males,	303	26	25	22	31	23	27	28	20	23
		Females,	578	55	38	54	43	43	53	54	46	45
— Epithelioma,	{	Totals,	24	-	-	-	-	-	-	-	-	-
		Males,	18	2	-	-	3	2	2	2	3	1
		Females,	6	-	1	-	-	-	2	-	-	-
— Can. of Bowels,		Males,	1	-	-	-	-	-	-	-	-	-
— Can. of Breast,	{	Totals,	118	-	-	-	-	-	-	-	-	-
		Males,	1	-	-	-	-	-	-	-	-	1
		Females,	117	7	10	13	11	8	17	8	7	8
— Can. of Kidney,	{	Totals,	27	-	-	-	-	-	-	-	-	-
		Males,	18	1	1	2	1	1	1	-	2	2
		Females,	9	-	2	-	2	1	1	-	-	2
— Can. of Liver,	{	Totals,	248	-	-	-	-	-	-	-	-	-
		Males,	95	7	6	5	6	13	12	8	8	6
		Females,	153	14	11	9	12	16	9	14	12	15
— Can. of Stomach,	{	Totals,	342	-	-	-	-	-	-	-	-	-
		Males,	162	13	11	10	8	14	14	11	22	8
		Females,	180	12	11	17	12	16	13	16	11	14
— Can. of Uterus,		Females,	197	15	14	13	18	13	23	11	15	17
Canker (Noma),	{	Totals,	9	-	-	-	-	-	-	-	-	-
		Males,	5	1	-	-	-	1	1	-	1	1
		Females,	4	1	-	-	1	-	1	-	-	-
Mortification,	{	Totals,	139	-	-	-	-	-	-	-	-	-
		Males,	73	8	7	10	5	6	5	6	4	7
		Females,	66	7	5	5	5	8	4	4	5	6
II. 2. Tubercular,												
	{	Totals,	6,970	350	260	315	329	302	273	314	357	330
		Males,	3,656	285	269	287	295	294	235	279	293	298
		Females,	3,314									
Scrofula,	{	Totals,	62	-	-	-	-	-	-	-	-	-
		Males,	31	5	1	3	4	3	1	3	5	1
		Females,	31	4	5	3	1	1	4	3	2	1
— Cellulitis,	{	Totals,	5	-	-	-	-	-	-	-	-	-
		Males,	4	3	1	-	-	-	-	-	-	-
		Females,	1	-	-	-	-	-	-	-	-	-

Nosological Arrangement.

MONTHS.			AGES.																	
October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	Over 100	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
364	329	339	691	157	56	28	18	39	41	175	796	760	543	423	371	265	78	5	-	-
414	396	371	532	114	53	37	21	52	70	259	921	706	572	532	473	337	133	20	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
66	72	68	16	3	5	2	1	6	5	4	14	37	109	154	210	161	63	4	-	-
146	144	112	13	1	2	6	2	7	4	10	38	117	262	346	342	259	93	16	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	4	2	1	-	-	1	-	1	-	1	1	-	2	4	4	6	1	1	-	-
5	3	1	3	-	-	1	-	-	-	1	1	1	8	6	8	12	4	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	7	8	12	2	2	-	-	1	1	-	4	10	13	18	19	11	3	-	-	-
13	13	13	8	1	-	3	1	2	2	6	17	18	27	26	20	21	7	3	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	31	25	-	-	2	1	-	2	2	3	6	13	52	60	74	60	26	1	-	-
48	62	37	1	-	1	-	-	3	2	1	14	41	96	145	130	94	44	6	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	3	1	-	-	-	-	-	-	-	-	-	-	4	4	5	4	-	-	-
1	1	1	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	-	-
-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	6	8	-	-	-	-	-	-	-	-	1	5	23	34	32	15	6	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
1	4	2	-	-	-	-	1	-	-	-	-	-	2	2	6	6	1	-	-	-
-	-	1	-	-	1	-	-	-	-	-	-	1	1	4	1	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	7	6	-	-	-	-	-	-	-	-	-	4	15	21	33	19	3	-	-	-
12	14	15	-	-	-	-	-	-	-	-	1	8	11	43	51	33	6	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	15	15	-	-	-	-	-	1	-	-	2	5	22	43	56	30	3	-	-	-
18	20	20	-	-	-	-	-	-	-	-	2	13	23	37	48	47	10	-	-	-
31	18	9	-	-	-	1	-	-	-	-	1	28	70	45	36	13	3	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	1	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-
-	-	1	-	-	-	-	-	2	-	-	1	-	-	-	-	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	3	7	1	1	1	-	-	1	-	-	1	4	2	1	13	24	22	2	-	-
4	7	6	1	-	-	1	1	-	-	2	-	2	2	5	15	21	12	4	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
298	257	271	675	154	51	26	17	33	36	171	782	723	434	269	161	104	15	1	-	4
268	252	259	519	113	51	31	19	45	66	249	883	589	310	186	131	78	40	4	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	2	2	6	2	1	-	-	2	1	-	3	3	1	2	4	6	-	-	-	-
4	1	2	4	3	-	1	-	-	-	2	1	2	4	6	4	1	3	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-
-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-

TABLE IX. — Continued.

CAUSES OF DEATH.	DEATHS.		MONTHS.								
	SEX.	Totals	January.	February.	March.	April.	May.	June.	July.	August.	September.
II. 2. Tubercular—Con.											
— Lumbar Abscess,	Totals, .	13	-	-	-	-	-	-	-	-	-
	Males, .	5	-	-	-	-	-	1	1	1	-
	Females, .	8	-	1	1	-	2	1	-	1	-
Goitre,	Totals, .	18	-	-	-	-	-	-	-	-	-
	Males, .	5	-	-	-	1	1	-	-	-	-
	Females, .	13	-	2	1	1	1	1	-	1	2
Tabes Mesenterica,	Totals, .	1,200	-	-	-	-	-	-	-	-	-
	Males, .	644	39	36	40	38	40	38	67	114	102
	Females, .	556	32	29	36	40	24	36	64	90	83
Phthisis (Consumption of Lungs),	Totals, .	5,221	-	-	-	-	-	-	-	-	-
	Males, .	2,719	280	197	252	261	237	206	224	219	208
	Females, .	2,502	235	219	223	237	251	181	195	182	194
Hydrocephalus,	Totals, .	451	-	-	-	-	-	-	-	-	-
	Males, .	248	23	25	19	25	21	27	19	18	19
	Females, .	203	14	13	23	16	15	12	17	17	18
LOCAL DISEASES,	Totals, .	24,053	-	-	-	-	-	-	-	-	-
	Males, .	12,217	1,466	1,223	1,085	1,067	1,003	886	889	931	833
	Females, .	11,836	1,542	1,226	1,097	1,035	910	777	853	852	786
III. 1. Nervous System,											
Cephalitis,	Totals, .	6,389	-	-	-	-	-	-	-	-	-
	Males, .	3,342	349	315	279	286	285	267	255	269	269
	Females, .	3,047	278	316	277	252	247	227	267	259	210
Apoplexy,	Totals, .	1,387	-	-	-	-	-	-	-	-	-
	Males, .	774	64	67	71	78	70	77	70	69	67
	Females, .	613	48	66	61	45	51	45	58	63	47
Paralysis,	Totals, .	2,162	-	-	-	-	-	-	-	-	-
	Males, .	1,045	111	109	91	74	81	84	64	88	79
	Females, .	1,117	91	118	106	85	94	69	102	95	75
Insanity,	Totals, .	1,071	-	-	-	-	-	-	-	-	-
	Males, .	552	73	50	44	45	50	34	34	44	49
	Females, .	519	61	55	47	40	35	37	39	42	35
Epilepsy,	Totals, .	220	-	-	-	-	-	-	-	-	-
	Males, .	94	12	8	5	4	12	7	4	9	2
	Females, .	126	7	13	4	9	11	19	14	11	16
Tetanus,	Totals, .	141	-	-	-	-	-	-	-	-	-
	Males, .	75	6	4	6	5	7	12	10	4	7
	Females, .	66	6	4	1	8	3	8	10	7	4
Convulsions,	Totals, .	33	-	-	-	-	-	-	-	-	-
	Males, .	28	2	1	3	1	3	1	9	-	2
	Females, .	5	-	-	1	1	1	-	-	-	2
Brain Disease,	Totals, .	718	-	-	-	-	-	-	-	-	-
	Males, .	404	37	48	38	39	28	29	33	29	29
	Females, .	314	36	26	38	33	25	32	23	23	13
— Softening of Brain,	Totals, .	272	-	-	-	-	-	-	-	-	-
	Males, .	152	17	12	9	19	14	6	14	11	20
	Females, .	120	9	14	8	10	15	7	9	5	8
— Locomo. Ataxia,	Totals, .	94	-	-	-	-	-	-	-	-	-
	Males, .	55	7	5	1	3	7	4	6	4	4
	Females, .	39	5	3	3	6	3	3	2	6	2
— Locomo. Ataxia,	Totals, .	211	-	-	-	-	-	-	-	-	-
	Males, .	126	13	9	10	13	10	10	8	8	8
	Females, .	85	12	9	6	8	5	5	8	4	3

Nosological Arrangement.

MONTHS.			AGES.																	
October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	Over 100	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	1	2	1	-	-	-	-	-	1	-	1	1	-	1	-	1	1	2	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	1	1	-	-	-	-	-	1	1	4	-	2	1	-	-	-	-	-
4	-	-	2	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	42	36	496	46	9	6	2	9	3	4	7	8	8	12	10	15	9	-	-	-
52	40	30	390	41	4	3	3	9	8	5	14	11	11	8	13	20	15	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
224	197	214	72	34	17	7	5	6	31	165	767	706	419	251	146	82	6	1	-	4
188	191	206	50	26	22	10	8	23	50	234	859	569	293	168	113	54	20	3	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	16	16	100	71	24	13	10	15	1	2	5	5	2	-	-	-	-	-	-	-
19	19	20	72	43	25	17	8	13	7	7	7	2	2	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
820	889	1,125	2,064	608	239	123	82	212	150	213	571	832	987	1,454	1,890	1,893	826	67	-	6
829	871	1,058	1,659	571	212	123	66	229	144	193	633	755	951	1,394	1,851	1,963	938	146	4	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
241	236	291	631	188	88	48	29	83	41	40	99	158	221	361	503	575	261	14	-	2
231	211	272	456	155	59	37	25	66	39	37	91	124	184	299	508	612	312	42	-	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	47	47	313	116	54	34	20	55	16	19	34	32	22	21	21	11	5	-	-	1
46	38	42	239	103	39	26	17	43	26	16	20	17	19	19	11	14	4	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70	80	114	8	2	1	2	-	1	2	5	12	47	80	169	287	295	130	3	-	1
99	77	106	8	-	-	1	-	3	2	2	13	38	96	151	293	337	154	19	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	37	47	5	4	2	1	-	5	5	3	12	39	56	90	97	156	74	3	-	-
35	44	49	5	1	2	1	1	2	1	4	9	16	33	72	104	152	101	14	-	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	10	9	-	-	-	-	-	-	-	1	3	7	10	10	22	22	16	3	-	-
6	5	11	-	-	-	-	-	-	-	-	3	11	7	17	29	39	17	3	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	2	6	1	-	-	1	-	1	8	3	16	13	12	7	6	6	1	-	-	-
3	6	6	-	3	1	-	-	1	5	6	16	11	7	4	5	7	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	3	2	6	-	-	-	-	1	2	5	5	3	1	3	-	-	-	-	-	-
-	-	-	2	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	30	33	281	61	27	9	6	10	1	-	1	1	3	1	-	-	-	-	-	-
21	19	25	185	46	17	7	7	11	2	3	14	18	3	-	-	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	11	10	15	5	4	1	2	9	4	3	16	12	20	25	14	17	5	-	-	-
11	8	16	16	2	-	2	-	5	2	5	7	9	11	15	22	15	7	2	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	3	6	-	-	-	-	-	-	-	-	-	1	2	7	12	24	6	1	-	-
1	1	4	-	-	-	-	-	1	-	-	-	1	-	4	13	11	8	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	11	14	-	-	-	-	-	-	-	-	-	5	7	23	34	34	19	4	-	-
8	8	9	-	-	-	-	-	-	1	1	3	-	3	11	20	25	19	2	-	-

TABLE IX. — Continued.

CAUSES OF DEATH.	DEATHS.		MONTHS.								
	SEX.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.
III. 1. <i>Nervous System</i> — Con.											
Neuralgia,	Totals, .	80	-	-	-	-	-	-	-	-	-
	Males, .	37	7	2	1	5	3	3	3	3	2
	Females, .	43	3	5	2	7	4	2	2	3	5
III. 2. <i>Organs of Circulation</i> ,											
Pericarditis,	Totals, .	4,368	-	-	-	-	-	-	-	-	-
	Males, .	2,222	241	215	181	197	191	163	147	160	147
	Females, .	2,146	229	205	196	194	184	150	143	131	160
Aneurism,	Totals, .	376	-	-	-	-	-	-	-	-	-
	Males, .	181	17	14	18	16	13	14	15	12	10
	Females, .	195	24	11	21	24	11	12	17	18	10
Heart Disease,	Totals, .	49	-	-	-	-	-	-	-	-	-
	Males, .	37	4	5	2	4	2	4	3	5	1
	Females, .	12	2	1	1	1	2	-	-	1	2
— Angina Pectoris,	Totals, .	3,691	-	-	-	-	-	-	-	-	-
	Males, .	1,863	207	190	147	160	160	138	122	130	126
	Females, .	1,828	197	187	163	157	166	130	118	106	140
— Embolism,	Totals, .	152	-	-	-	-	-	-	-	-	-
	Males, .	100	9	3	11	12	9	5	4	10	7
	Females, .	52	2	3	5	4	3	4	4	1	4
— Embolism,	Totals, .	100	-	-	-	-	-	-	-	-	-
	Males, .	41	4	3	3	5	7	2	3	3	3
	Females, .	59	4	3	6	8	2	4	4	5	4
III. 3. <i>Respiratory Organs</i> ,											
Epistaxis,	Totals, .	7,130	-	-	-	-	-	-	-	-	-
	Males, .	3,510	621	497	377	361	295	204	113	114	116
	Females, .	3,620	775	477	408	345	265	174	109	101	140
Laryngitis,	Males, .	1	-	-	-	-	1	-	-	-	-
	Totals, .	83	-	-	-	-	-	-	-	-	-
	Males, .	49	7	6	6	2	1	1	2	4	2
Females, .	34	6	3	2	3	1	2	1	2	3	
Bronchitis,	Totals, .	1,448	-	-	-	-	-	-	-	-	-
	Males, .	651	112	93	69	67	59	33	20	18	15
	Females, .	797	150	97	94	57	68	46	29	26	33
Pleuritis,	Totals, .	201	-	-	-	-	-	-	-	-	-
	Males, .	118	8	13	8	18	11	13	8	7	9
	Females, .	83	14	15	8	7	3	6	3	3	3
Pneumonia,	Totals, .	4,993	-	-	-	-	-	-	-	-	-
	Males, .	2,496	467	366	280	253	204	138	68	77	74
	Females, .	2,497	566	345	287	254	181	108	71	54	87
Asthma,	Totals, .	109	-	-	-	-	-	-	-	-	-
	Males, .	55	11	6	3	6	6	8	-	2	7
	Females, .	54	15	4	1	6	3	2	2	6	1
Lung Diseases,	Totals, .	295	-	-	-	-	-	-	-	-	-
	Males, .	140	16	13	11	15	13	11	15	6	9
	Females, .	155	24	13	16	18	9	10	3	10	13
III. 4. <i>Digestive Organs</i> ,											
Gastritis,	Totals, .	3,310	-	-	-	-	-	-	-	-	-
	Males, .	1,593	92	74	89	89	105	141	232	271	186
	Females, .	1,717	104	115	111	117	114	110	242	280	190
Enteritis,	Totals, .	254	-	-	-	-	-	-	-	-	-
	Males, .	104	8	6	9	5	14	4	15	10	6
	Females, .	150	13	10	11	13	11	11	17	15	13
Enteritis,	Totals, .	1,238	-	-	-	-	-	-	-	-	-
	Males, .	621	19	14	11	20	18	49	127	169	109
	Females, .	617	17	23	21	21	26	21	134	176	92

Nosological Arrangement.

MONTHS.			AGES.																	
October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	Over 100	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	2	3	2	-	-	-	-	-	-	1	-	-	6	7	10	6	5	-	-	-
1	5	4	1	-	-	-	-	-	-	-	5	2	5	6	11	11	2	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
172	193	215	92	9	2	4	4	18	22	28	107	141	184	360	508	514	214	13	-	2
168	191	195	54	10	8	2	5	31	27	39	116	160	196	340	466	449	217	25	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	20	18	3	2	-	-	2	4	4	6	14	19	22	36	26	35	6	2	-	-
18	16	13	-	2	2	-	1	12	8	8	17	23	13	27	30	27	21	4	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	3	2	-	-	-	-	-	-	-	-	2	4	7	13	4	6	1	-	-	-
-	2	-	-	-	-	-	-	-	1	-	1	3	-	1	3	2	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
149	159	175	89	5	2	4	-	14	18	18	86	112	143	284	440	440	195	11	-	2
139	158	167	54	8	6	2	4	19	17	31	87	128	171	291	406	396	186	21	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	6	19	-	2	-	-	1	-	-	1	5	4	8	15	26	26	12	-	-	-
4	8	10	-	-	-	-	-	-	-	-	1	1	5	10	13	18	4	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	5	1	-	-	-	-	1	-	-	3	-	2	4	12	12	7	-	-	-	-
7	7	5	-	-	-	-	-	-	1	-	10	5	7	11	14	6	5	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
156	260	396	743	326	114	53	33	68	30	63	184	303	299	341	393	350	185	25	-	-
202	269	355	664	295	120	60	24	77	27	36	174	189	248	341	460	539	298	65	2	1
-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	9	5	8	4	7	3	3	4	1	-	4	6	2	2	2	2	1	-	-	-
2	5	4	4	7	5	4	2	2	-	1	3	2	-	-	2	2	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	49	81	271	71	16	6	1	6	3	3	6	11	19	35	67	79	48	9	-	-
44	65	88	232	43	23	12	6	11	3	7	15	14	26	53	96	142	92	22	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	4	10	7	10	4	3	2	2	1	-	17	17	14	18	12	10	1	-	-	-
8	5	8	4	4	3	3	-	3	1	1	10	10	12	8	7	9	8	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
101	186	282	441	239	86	41	27	52	22	55	144	245	237	252	283	237	120	15	-	-
126	178	240	411	237	87	41	16	60	22	25	133	143	191	243	319	351	181	34	2	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	2	4	4	-	-	-	-	-	1	1	1	2	8	9	15	7	5	1	-	-
5	6	3	1	-	-	-	-	-	-	-	1	2	5	10	14	11	7	3	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	10	14	12	2	1	-	-	3	1	4	12	22	19	25	14	15	10	-	-	-
17	10	12	12	4	2	-	-	1	1	2	12	18	14	27	22	24	10	6	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
134	87	93	562	79	27	10	13	28	33	49	96	98	135	150	148	120	42	3	-	-
120	96	118	458	103	20	15	8	32	29	49	116	145	141	175	180	166	67	11	1	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	9	8	22	2	2	1	2	1	-	1	4	8	12	8	16	14	10	1	-	-
5	12	19	22	3	2	1	1	2	1	3	11	14	13	15	27	22	12	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49	20	16	441	67	16	3	4	4	1	3	8	9	10	10	22	14	8	1	-	-
42	16	28	339	90	11	7	1	7	3	2	8	15	16	31	24	41	20	1	1	-

TABLE IX. — Continued.

CAUSES OF DEATH.	DEATHS.		MONTHS.								
	SEX.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.
III. 4. Digestive Organs—Con.											
Peritonitis,	Totals, .	513	-	-	-	-	-	-	-	-	-
	Males, .	197	21	11	19	15	15	14	16	25	13
	Females, .	316	33	30	27	27	19	25	31	30	28
Appendicitis,	Totals, .	175	-	-	-	-	-	-	-	-	-
	Males, .	120	7	4	4	10	12	11	16	15	7
	Females, .	55	3	6	5	6	6	8	3	8	4
Ascites,	Totals, .	23	-	-	-	-	-	-	-	-	-
	Males, .	11	1	2	2	-	1	2	-	1	-
	Females, .	12	-	1	-	-	-	2	1	2	2
Ulceration of Intestines, .	Totals, .	38	-	-	-	-	-	-	-	-	-
	Males, .	22	1	2	2	-	6	5	2	1	-
	Females, .	16	-	2	1	2	1	2	2	1	1
Hernia,	Totals, .	69	-	-	-	-	-	-	-	-	-
	Males, .	35	3	5	3	-	4	3	3	-	3
	Females, .	34	2	1	1	6	2	5	2	3	3
Ileus,	Totals, .	188	-	-	-	-	-	-	-	-	-
	Males, .	94	11	5	11	3	13	9	13	6	9
	Females, .	94	8	2	8	8	11	8	9	11	7
Intussusception,	Totals, .	28	-	-	-	-	-	-	-	-	-
	Males, .	16	1	-	1	1	1	2	2	1	1
	Females, .	12	1	1	1	1	-	1	3	1	-
Stricture of Bowels,	Totals, .	10	-	-	-	-	-	-	-	-	-
	Males, .	7	1	1	-	-	-	-	1	1	1
	Females, .	3	1	-	-	-	1	-	1	-	-
—Stricture of Oesophagus, .	Totals, .	5	-	-	-	-	-	-	-	-	-
	Males, .	3	-	-	1	-	-	1	-	1	-
	Females, .	2	-	-	-	-	1	-	-	-	1
Fistula,	Totals, .	5	-	-	-	-	-	-	-	-	-
	Males, .	4	1	1	-	-	-	-	1	-	-
	Females, .	1	1	-	-	-	-	-	-	-	-
Stomach Disease,	Totals, .	161	-	-	-	-	-	-	-	-	-
	Males, .	64	3	5	6	8	4	6	2	12	6
	Females, .	97	4	8	9	3	9	10	8	12	11
—Bowel Disease,	Totals, .	62	-	-	-	-	-	-	-	-	-
	Males, .	27	-	2	1	2	2	1	2	8	2
	Females, .	35	3	5	1	1	2	1	6	5	6
—Dyspepsia,	Totals, .	14	-	-	-	-	-	-	-	-	-
	Males, .	7	-	-	3	-	-	1	1	-	1
	Females, .	7	-	2	-	1	1	-	-	-	1
Hepatitis,	Totals, .	114	-	-	-	-	-	-	-	-	-
	Males, .	57	2	2	6	2	5	6	8	6	9
	Females, .	57	6	8	4	7	7	-	4	6	6
Jaundice,	Totals, .	71	-	-	-	-	-	-	-	-	-
	Males, .	29	3	1	1	3	3	2	1	1	3
	Females, .	42	3	4	3	1	4	3	2	2	4
Liver Disease,	Totals, .	342	-	-	-	-	-	-	-	-	-
	Males, .	175	10	13	9	20	7	26	22	14	16
	Females, .	167	9	12	19	20	13	13	19	8	11
III. 5. Urinary Organs,	Totals, .	2,619	-	-	-	-	-	-	-	-	-
	Males, .	1,473	155	116	152	129	121	108	134	110	108
	Females, .	1,141	138	99	89	116	80	103	84	69	74

Nosological Arrangement.

MONTHS.			AGES.																	
October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	Over 100	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	15	15	14	-	4	1	2	8	18	20	29	21	33	23	12	11	1	-	-	-
23	25	18	11	5	3	4	2	11	15	27	56	65	40	28	25	15	5	3	-	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	7	16	1	1	-	3	2	7	11	16	29	25	12	8	2	3	-	-	-	-
-	3	3	-	-	-	-	-	5	8	7	17	6	5	3	4	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	1	-	-	-	4	2	3	1	-	-	-
1	2	1	2	-	-	-	-	-	-	-	1	1	1	2	2	2	-	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	2	1	-	-	-	-	-	1	5	2	2	3	3	2	1	-	-	-
1	2	1	-	-	-	1	-	-	-	2	4	3	-	3	1	2	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	5	-	2	-	-	-	1	-	-	2	2	1	-	6	-	5	8	4	-	-
5	2	2	1	-	-	-	-	-	-	-	-	1	4	10	11	4	2	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	4	-	18	-	2	1	1	5	1	1	5	5	8	10	10	20	7	-	-	-
7	10	5	7	1	1	1	1	1	-	3	4	8	9	12	18	17	9	2	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	1	2	6	3	1	-	-	-	1	1	1	1	-	-	2	-	-	-	-	-
1	-	2	4	-	-	-	-	-	-	1	-	4	-	-	1	-	2	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	2	-	-	-	-	-	-	-	-	-	-	3	1	1	1	1	-	-	-
-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	1	-	-	-	-	-	-	1	-	-	2	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	4	3	20	1	-	1	1	-	1	2	3	4	7	8	8	7	1	-	-	-
11	4	8	26	4	-	1	-	3	1	3	4	6	6	14	10	12	6	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	1	2	18	4	-	-	-	1	-	-	1	-	1	1	-	-	1	-	-	-
1	3	1	19	-	1	-	1	1	-	-	-	-	1	6	1	3	2	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	3	-	-	-	-	-	-	-	-	1	-	2	-	1	-	-	-	-
1	-	1	3	-	-	-	-	-	-	-	-	1	-	1	1	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	1	8	2	-	-	-	-	-	-	-	-	4	8	14	21	6	1	1	-	-
4	1	4	3	-	-	-	-	-	-	1	2	5	13	8	15	8	2	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	4	3	13	-	1	-	-	1	-	-	-	-	5	2	2	5	-	-	-	-
5	8	3	18	-	1	-	-	-	-	-	2	3	4	3	8	1	2	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	16	7	-	-	-	-	-	1	-	-	8	15	26	52	39	26	7	-	-	-
13	8	22	1	-	1	-	2	2	1	-	7	13	29	38	32	36	4	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
112	108	125	22	5	7	7	2	13	17	27	77	124	143	237	332	331	121	11	-	2
94	94	101	16	4	4	8	4	17	19	29	107	109	154	220	222	181	43	3	-	1

TABLE IX. — Continued.

CAUSES OF DEATH.	DEATHS.		MONTHS.								
	SEX.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.
III. 5. <i>Urinary Organs</i> — Con.											
Nephritis (Bright's Disease, etc.),	Totals, . Males, . Females, .	1,697 904 793	87 90	72 63	99 66	78 84	86 56	73 72	74 59	65 50	63 62
Diabetes,	Totals, . Males, . Females, .	293 136 157	17 23	8 15	14 13	13 12	4 12	7 11	16 13	11 6	10 10
Gravel, etc.,	Totals, . Males, . Females, .	9 6 3	— 1 1	— 1 —	— — —	— — 1	— 2 —	— 1 —	— — —	— 1 1	— — —
Cystitis,	Totals, . Males, . Females, .	166 154 12	17 3	— 1	— 1	15 —	12 —	8 13	13 13	9 1	11 1
Kidney Disease,	Totals, . Males, . Females, .	384 208 176	— 25 21	— 17 20	— 17 9	— 20 19	— 18 12	— 12 19	— 22 12	— 17 11	— 19 11
— Disease of Prostate,	Males, .	70	8	10	7	6	3	2	9	7	5
III. 6. <i>Generative Organs</i> ,	Females, .	97	15	9	6	7	12	7	2	6	6
Ovarian Dropsy,	Females, .	91	15	8	6	5	11	7	2	6	6
Uterus Disease,	Females, .	4	—	1	—	1	—	—	—	—	—
— Metritis,	Females, .	2	—	—	—	1	1	—	—	—	—
III. 7. <i>Organs of Locomotion</i> ,	Totals, . Males, . Females, .	77 46 31	— 5 2	— 3 4	— 5 6	— 5 1	— 5 2	— 3 2	— 5 4	— 4 3	— 4 3
Arthritis,	Females, .	1	—	—	—	—	—	1	—	—	—
— Hip Disease,	Totals, . Males, . Females, .	5 3 2	— — —	— 1 1	— 1 1	— — —	— — —	— 1 —	— — —	— — —	— — —
— Necrosis,	Totals, . Males, . Females, .	68 40 28	— 5 2	— 2 3	— 3 5	— 3 1	— 5 2	— 2 1	— 5 4	— 4 3	— 4 3
Spine Disease,	Males, .	3	—	—	1	2	—	—	—	—	—
III. 8. <i>Integumentary System</i> ,	Totals, . Males, . Females, .	63 26 37	— 3 1	— 3 1	— 2 4	— — 3	— 1 6	— — 4	— 3 2	— 3 3	— 3 3
Phlegmon (Abscess),	Totals, . Males, . Females, .	36 15 21	— 2 1	— 1 1	— 1 3	— — 3	— — 2	— — 2	— 1 2	— 3 2	— 1 1
Ulcer,	Females, .	4	—	—	—	—	2	—	—	1	—
Skin Disease,	Totals, . Males, . Females, .	23 11 12	— 1 —	— 2 —	— 1 —	— — 1	— 1 2	— — 2	— 2 —	— — —	— 2 2
DEVELOPMENTAL DISEASES,	Totals, . Males, . Females, .	4,944 2,347 2,597	— 260 255	— 208 216	— 172 215	— 185 212	— 198 216	— 163 187	— 205 223	— 187 246	— 222 203
IV. 1. <i>Developmental Diseases of Children</i> ,	Totals, . Males, . Females, .	1,694 971 723	— 105 71	— 70 59	— 71 58	— 80 47	— 89 59	— 82 59	— 84 69	— 60 56	— 99 53

Nosological Arrangement.

MONTHS.			AGES																		
October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	Over 100	Unknown.	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
65	73	69	15	4	4	5	2	9	9	23	53	83	108	166	192	178	47	4	-	-	
68	66	68	11	2	4	5	2	8	8	21	79	76	111	157	154	123	31	1	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	9	15	1	-	3	-	-	1	6	3	10	15	18	26	32	16	5	-	-	-	
15	12	15	-	-	-	1	1	6	10	3	8	5	20	33	39	29	2	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	
23	10	15	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1	-	2	-	-	-	1	-	-	-	-	-	3	2	9	37	57	39	6	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	4	3	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8	12	21	5	1	-	2	-	2	2	1	14	22	15	33	50	43	17	1	-	-	
10	16	16	5	2	-	1	1	3	1	5	20	28	23	27	26	24	7	2	-	1	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	4	5	-	-	-	-	-	1	-	-	-	-	-	1	21	35	12	-	-	-	
11	5	11	1	-	-	-	-	-	-	2	25	19	23	13	5	8	1	-	-	-	
10	4	11	-	-	-	-	-	-	-	2	22	18	22	13	5	8	1	-	-	-	
1	1	-	1	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	2	2	1	-	1	1	1	-	7	5	8	4	3	4	6	3	1	1	-	-	
1	3	-	-	1	1	-	-	5	2	1	3	4	2	4	5	3	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	
-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	
3	2	2	1	-	1	1	1	-	6	4	7	4	3	4	4	2	1	1	-	-	
1	3	-	-	1	1	-	-	5	-	1	3	3	2	4	5	3	-	-	-	-	
-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	3	3	13	1	-	-	-	2	-	1	-	-	-	1	-	-	-	-	-	-	
2	2	6	10	3	-	1	-	1	1	-	1	4	5	2	5	5	2	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	2	2	6	1	-	-	-	2	-	1	-	-	-	1	-	-	-	-	-	-	
-	1	3	2	1	-	-	-	1	1	-	-	-	4	2	5	4	-	-	-	-	
1	-	-	-	1	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	1	1	7	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	
1	1	3	8	1	-	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
167	161	219	1,594	31	7	1	-	-	-	-	1	1	1	13	51	210	348	83	5	1	
211	197	216	1,249	24	2	3	1	1	1	10	99	120	27	21	70	279	499	178	12	1	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
64	70	97	955	14	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
65	55	72	710	11	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	

TABLE IX. — Continued.

CAUSES OF DEATH.	DEATHS.		MONTHS.								
	SEX.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.
IV. 1. <i>Developmental Diseases of Children — Con.</i>											
Premature,	Totals, .	1,194	-	-	-	-	-	-	-	-	-
	Males, .	692	71	49	48	60	68	56	65	39	61
	Females, .	502	59	37	40	37	43	37	48	38	32
Infantile,	Totals, .	276	-	-	-	-	-	-	-	-	-
	Males, .	154	18	12	13	8	10	14	12	11	24
	Females, .	122	6	13	8	7	10	9	12	11	12
Cyanosis,	Totals, .	73	-	-	-	-	-	-	-	-	-
	Males, .	45	2	6	3	4	4	6	3	3	6
	Females, .	28	2	3	2	-	2	5	3	1	3
Spina Bifida,	Totals, .	41	-	-	-	-	-	-	-	-	-
	Males, .	18	5	1	2	1	1	2	-	1	-
	Females, .	23	3	3	3	-	2	4	-	2	1
Other Malformations,	Totals, .	70	-	-	-	-	-	-	-	-	-
	Males, .	37	7	1	2	4	4	3	2	1	4
	Females, .	33	-	3	3	1	1	3	4	2	4
Teething,	Totals, .	40	-	-	-	-	-	-	-	-	-
	Males, .	25	2	1	3	3	2	1	2	5	4
	Females, .	15	1	-	2	2	1	1	2	2	1
IV. 2. <i>Developmental Diseases of Adults,</i>	Females, .	240	21	23	20	22	24	24	25	16	10
Childbirth,	Females, .	140	12	11	15	12	18	11	14	10	3
— Abortion,	Females, .	11	-	2	-	2	-	-	1	1	1
— Miscarriage,	Females, .	3	-	1	-	1	-	-	-	-	-
— Puerp. Convulsions,	Females, .	86	9	9	5	7	6	13	10	5	6
IV. 3. <i>Old Age,</i>	Totals, .	1,724	-	-	-	-	-	-	-	-	-
	Males, .	691	112	83	56	52	54	49	50	52	38
	Females, .	1,033	125	88	85	104	93	69	66	94	67
IV. 4. <i>Atrophy and Debility,</i>	Totals, .	1,286	-	-	-	-	-	-	-	-	-
	Males, .	685	43	55	45	53	55	32	71	75	85
	Females, .	601	38	46	52	39	40	35	63	80	73
VIOLENT DEATHS,	Totals, .	2,063	-	-	-	-	-	-	-	-	-
	Males, .	1,502	117	105	102	107	115	152	152	139	142
	Females, .	561	44	49	50	45	45	50	44	34	39
V. 1. <i>Accident or Negligence,</i>	Totals, .	1,747	-	-	-	-	-	-	-	-	-
	Males, .	1,263	99	90	74	80	96	136	122	122	122
	Females, .	484	39	44	38	41	39	43	39	25	36
Fracture,	Totals, .	208	-	-	-	-	-	-	-	-	-
	Males, .	138	8	7	14	6	7	12	7	15	24
	Females, .	70	7	4	4	2	7	7	6	5	7
— R.R. Accidents,	Totals, .	249	-	-	-	-	-	-	-	-	-
	Males, .	232	16	14	10	19	18	20	20	28	26
	Females, .	17	1	1	2	1	3	4	-	1	1
— Electric R.R. Accidents,	Males, .	8	-	-	-	2	1	-	1	2	-
Casualty,	Totals, .	418	-	-	-	-	-	-	-	-	-
	Males, .	327	32	23	22	19	23	35	27	23	31
	Females, .	91	9	6	8	4	11	7	6	7	6
Burns and Scalds,	Totals, .	230	-	-	-	-	-	-	-	-	-
	Males, .	86	8	11	5	10	5	9	8	4	5
	Females, .	144	13	10	12	16	12	11	14	8	13

Nosological Arrangement.

MONTHS.			AGES.																	
October.	November.	December.	Under 1.	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	Over 100	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	55	74	691	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	37	46	502	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	7	15	154	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	6	18	121	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	3	3	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	4	1	27	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	2	1	17	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	2	1	21	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	3	4	34	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	5	6	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	14	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	1	-	6	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	17	16	-	-	-	-	-	-	-	10	96	109	24	1	-	-	-	-	-	-
13	10	11	-	-	-	-	-	-	-	6	51	65	17	1	-	-	-	-	-	-
1	3	-	-	-	-	-	-	-	-	-	5	6	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-
7	4	5	-	-	-	-	-	-	-	4	39	36	7	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	42	59	-	-	-	-	-	-	-	-	-	-	-	-	45	210	348	83	5	-
75	83	84	-	-	-	-	-	-	-	-	-	-	-	-	64	279	499	178	12	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59	49	63	639	17	5	1	-	-	-	-	1	1	1	13	6	-	-	-	-	1
49	42	44	539	13	2	2	-	1	1	-	3	11	3	20	6	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
113	129	129	65	27	30	26	27	66	46	67	262	284	210	169	127	66	21	-	-	9
59	47	55	54	10	17	15	10	31	5	18	67	55	50	59	59	60	38	12	-	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
96	110	116	64	27	30	26	27	66	45	65	227	231	167	118	97	49	16	-	-	8
47	42	48	53	9	17	15	10	31	4	15	49	40	38	49	50	54	37	12	-	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	8	13	-	2	2	2	2	2	2	6	19	24	19	26	16	9	7	-	-	-
7	10	4	1	-	1	-	2	-	-	-	2	-	3	3	8	22	19	9	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	25	23	-	-	-	-	-	2	8	5	61	51	39	19	14	4	2	-	-	7
-	1	2	-	-	1	1	-	-	-	1	1	2	3	3	2	3	-	-	-	-
2	-	-	-	-	1	-	-	2	-	-	1	2	-	1	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	38	28	1	3	8	9	5	14	15	12	57	70	49	23	35	21	5	-	-	-
10	11	6	3	1	4	1	-	5	2	2	6	5	6	11	11	17	13	3	-	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	10	5	4	15	11	9	7	3	2	4	6	5	6	3	5	6	-	-	-	-
12	6	17	2	7	7	10	7	23	1	7	16	14	10	14	14	8	4	-	-	-

TABLE IX. — Concluded.

CAUSES OF DEATH.	DEATHS.		MONTHS.								
	SEX.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.
V. 1. <i>Accident or Negligence</i> —Con.											
Poison,	Totals, .	77	-	-	-	-	-	-	-	-	-
	Males, .	53	9	4	3	2	3	4	6	3	3
	Females, .	24	3	5	-	1	-	2	4	2	1
Drowning,	Totals, .	244	-	-	-	-	-	-	-	-	-
	Males, .	227	10	-	8	8	22	39	42	33	23
	Females, .	17	-	-	-	5	2	1	2	1	3
— Lost at Sea,	Males, .	44	2	17	2	1	6	-	2	-	2
Suffocation,	Totals, .	137	-	-	-	-	-	-	-	-	-
	Males, .	86	8	9	8	9	7	8	6	7	4
	Females, .	51	3	10	8	4	-	3	1	2	2
— Strangulation, . . .	Females, .	3	-	-	-	-	1	-	-	-	1
— Illuminating Gas, . .	Totals, .	27	-	-	-	-	-	-	-	-	-
	Males, .	19	1	1	-	2	2	1	1	2	-
	Females, .	8	-	2	-	1	-	-	-	-	-
— Amputation,	Males, .	3	-	-	-	-	-	-	-	1	-
— Electric Shock, . . .	Males, .	3	-	-	-	-	-	-	-	-	1
— Exposure,	Totals, .	9	-	-	-	-	-	-	-	-	-
	Males, .	8	2	2	1	1	-	-	-	-	-
	Females, .	1	-	1	-	-	-	-	-	-	-
— Heat,	Males, .	3	1	-	-	-	-	-	-	1	1
— Lightning,	Totals, .	8	-	-	-	-	-	-	-	-	-
	Males, .	7	-	-	1	-	-	5	1	-	-
	Females, .	1	-	-	-	1	-	-	-	-	-
— Surgical Operation, .	Totals, .	76	-	-	-	-	-	-	-	-	-
	Males, .	19	2	2	-	1	2	3	1	3	2
	Females, .	57	3	5	4	6	3	8	6	2	2
V. 2. <i>Infanticide</i> , . . .	Males, .	1	-	-	-	-	-	-	-	-	1
V. 3. <i>Homicide</i> ,	Totals, .	24	-	-	-	-	-	-	-	-	-
	Males, .	14	-	-	3	1	-	-	1	2	1
	Females, .	10	1	-	2	-	1	1	-	1	-
V. 4. <i>Suicide</i> ,	Totals, .	268	-	-	-	-	-	-	-	-	-
	Males, .	205	17	13	19	24	17	15	27	15	17
	Females, .	63	4	4	9	4	5	5	5	5	2
Illuminating Gas, . . .	Totals, .	23	-	-	-	-	-	-	-	-	-
	Males, .	19	1	2	6	2	2	1	2	-	1
	Females, .	4	-	1	1	-	-	1	-	-	1
CAUSE NOT SPECIFIED, . .	Totals, .	320	-	-	-	-	-	-	-	-	-
	Males, .	141	17	11	11	12	12	10	10	7	13
	Females, .	179	12	15	15	19	12	12	11	11	15
Hemorrhage,	Totals, .	77	-	-	-	-	-	-	-	-	-
	Males, .	35	3	4	1	5	5	2	3	-	3
	Females, .	42	3	5	4	2	3	3	3	2	5
Tumor,	Totals, .	97	-	-	-	-	-	-	-	-	-
	Males, .	24	4	2	1	1	1	3	1	4	5
	Females, .	73	6	3	7	10	3	5	5	5	6
Unknown,	Totals, .	146	-	-	-	-	-	-	-	-	-
	Males, .	82	10	5	9	6	6	5	6	3	5
	Females, .	64	3	7	4	7	6	4	3	4	4

Nosological Arrangement.

MONTHS.			AGES.																	
October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	Over 100	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	6	5	4	2	2	-	2	1	-	-	12	5	9	7	8	-	-	1	-	-
3	2	1	1	-	2	1	1	1	-	2	5	5	-	3	2	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	8	22	1	3	3	5	9	35	21	17	41	45	27	16	3	-	-	-	-	1
2	-	1	2	-	2	1	-	2	-	1	-	1	3	2	3	-	-	-	-	-
4	6	2	-	-	-	-	-	-	-	2	10	10	8	11	2	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	6	7	53	2	3	1	-	-	-	1	6	4	4	4	4	3	1	-	-	-
8	3	7	42	1	-	1	-	-	-	1	-	1	1	1	1	1	1	-	-	-
1	-	-	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	3	6	-	-	-	-	-	-	-	1	5	7	1	1	2	2	-	-	-	-
1	3	1	-	-	-	-	-	-	-	-	3	-	-	2	1	2	-	-	-	-
-	-	2	-	-	-	-	-	1	-	-	-	-	1	1	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	2	3	2	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	2	2	1	1	-	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	3	1	-	-	-	-	-	-	-	5	3	-	4	3	3	-	-	-	-
3	6	9	-	-	-	-	-	-	1	1	15	11	12	9	8	-	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	1	1	-	-	-	-	1	1	2	2	2	2	-	1	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	16	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	5	7	-	-	-	-	-	-	-	1	31	44	38	42	28	16	4	-	-	1
-	-	-	-	-	-	-	-	-	-	3	15	13	10	8	8	5	1	-	-	-
2	-	-	-	-	-	-	-	-	-	-	2	3	4	8	2	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	13	11	53	4	3	1	-	3	1	3	7	12	15	20	12	6	1	-	-	-
23	14	20	47	4	-	1	1	-	3	2	13	22	19	23	25	8	8	2	-	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	5	2	-	-	-	-	-	-	-	-	2	1	1	4	1	-	-	-	-	-
6	3	3	22	-	-	-	-	-	-	3	1	3	10	2	2	-	2	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	1	1	-	-	-	-	-	-	-	1	2	4	4	8	4	-	-	-	-
11	4	8	1	-	-	1	-	-	1	-	2	6	10	15	23	8	5	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	7	8	30	4	3	1	-	3	1	-	4	9	10	12	3	1	1	-	-	-
6	7	9	29	4	-	-	1	-	2	1	8	6	5	6	-	-	1	-	-	1

TABLE X.—CAUSES OF

Exhibiting the Number of Deaths in Each County, from

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.
All Causes,	47,710	463	1,436	4,849
(CLASSES.)				
I.—ZYMOTIC DISEASES,	7,047	48	219	800
II.—CONSTITUTIONAL DISEASES,	9,283	70	239	852
III.—LOCAL DISEASES,	24,053	257	753	2,393
IV.—DEVELOPMENTAL DISEASES,	4,944	61	153	637
V.—VIOLENT DEATHS,	2,063	22	70	141
CAUSES UNKNOWN,	320	5	2	26
(ORDERS.)				
I.—1. <i>Miasmatic Diseases,</i>	6,561	43	208	761
2. <i>Enthetic Diseases,</i>	284	3	7	27
3. <i>Dietic Diseases,</i>	199	2	4	11
4. <i>Parasitic Diseases,</i>	3	—	—	1
II.—1. <i>Diathetic Diseases,</i>	2,313	14	63	191
2. <i>Tubercular Diseases,</i>	6,970	56	176	661
III.—1. <i>Diseases of Nervous System,</i>	6,389	73	195	663
2. <i>Diseases of Organs of Circulation,</i>	4,368	67	149	385
3. <i>Diseases of Respiratory Organs,</i>	7,130	68	201	704
4. <i>Diseases of Digestive Organs,</i>	3,310	26	114	400
5. <i>Diseases of Urinary Organs,</i>	2,619	21	86	226
6. <i>Diseases of Generative Organs,</i>	97	1	4	4
7. <i>Diseases of Organs of Locomotion,</i>	77	—	2	7
8. <i>Diseases of Integumentary System,</i>	63	1	2	4
IV.—1. <i>Dev. Diseases of Children,</i>	1,694	9	56	208
2. <i>Dev. Diseases of Adults,</i>	240	1	11	13
3. <i>Dev. Diseases of Old People,</i>	1,724	42	59	166
4. <i>Diseases of Nutrition,</i>	1,286	9	27	250
V.—1. <i>Accident or Negligence,</i>	1,747	15	56	131
2. <i>Infanticide,</i>	1	—	—	—
3. <i>Homicide,</i>	24	—	1	—
4. <i>Suicide,</i>	291	7	13	10
<hr/>				
<i>Causes unknown or ill-defined,</i>	320	5	2	26

DEATH. — (*Nosological Arrangement.*)*Specified Causes (statistically classified), during the Year 1899.*

Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
88	6,057	623	2,890	900	8,954	69	2,177	1,708	11,946	5,550
8	971	68	524	133	1,274	1	301	182	1,691	827
21	1,160	110	535	131	1,858	13	423	361	2,580	930
40	2,951	339	1,394	468	4,534	44	1,116	898	6,006	2,860
12	656	81	306	122	892	7	227	172	949	669
5	280	18	116	41	331	2	95	75	634	233
2	39	7	15	5	65	2	15	20	86	31
8	914	64	498	116	1,188	1	278	173	1,527	782
—	29	3	14	10	67	—	13	4	76	31
—	28	1	12	5	19	—	10	5	88	14
—	—	—	—	2	—	—	—	—	—	—
8	304	44	134	45	468	10	113	106	554	259
13	856	66	401	86	1,390	3	310	255	2,026	671
6	880	93	384	152	1,193	21	348	265	1,257	859
21	550	76	222	87	872	10	232	203	1,011	483
8	816	86	362	123	1,321	6	255	206	2,138	836
1	358	37	221	44	598	6	137	103	916	349
4	320	44	191	57	498	1	131	113	613	314
—	12	2	6	1	21	—	1	2	35	8
—	9	—	4	1	16	—	7	3	23	5
—	6	1	4	3	15	—	5	3	13	6
3	207	14	139	35	282	1	79	42	390	229
—	37	4	24	4	44	—	11	6	58	27
7	229	48	70	61	337	4	117	97	236	251
2	183	15	73	22	229	2	20	27	265	162
4	234	17	91	37	302	2	84	68	510	196
—	—	—	—	—	—	—	—	—	—	1
—	1	—	1	—	—	—	—	—	17	4
1	45	1	24	4	29	—	11	7	107	32
2	39	7	15	5	65	2	15	20	86	31

TABLE X. — Continued.

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.
I.—1. <i>Miasmatic.</i>				
Totals,	6,561	43	208	761
Small-pox,	14	—	—	—
Chicken-pox,	—	—	—	—
Measles,	241	—	8	6
Scarlatina,	235	3	7	20
Diphtheria,	866	3	12	50
Cerebro-spinal Meningitis,	240	4	6	11
Quinsy,	29	—	1	2
Croup,	181	4	6	17
Whooping-cough,	338	3	5	37
Typhoid Fever,*	612	2	23	59
Erysipelas,	193	1	10	20
Metria (Puerperal Fever),	23	—	—	4
Carbuncle,	6	1	—	—
Influenza,	570	7	15	80
Dysentery,	268	2	5	32
Diarrhœa,	382	5	20	41
Cholera Infantum,	1,964	5	71	343
Cholera,	70	1	5	4
Ague,	52	—	2	6
Remittent Fever,	3	—	—	1
Rheumatism,	274	2	12	28
I.—2. <i>Enthetic.</i>				
Totals,	284	3	7	27
Syphilis,	59	—	2	6
Stricture of Urethra,	2	—	—	2
Hydrophobia,	—	—	—	—
Glanders,	—	—	—	—
Malignant Pustule,	—	—	—	—
Septicæmia,	223	3	5	19
I.—3. <i>Dietic.</i>				
Totals,	199	2	4	11
Privation,	—	—	—	—
Purpura and Scurvy,	29	1	2	—
Delirium Tremens, }	170	1	2	11
Intemperance, }				
I.—4. <i>Parasitic.</i>				
Totals,	3	—	—	1
Thrush,	3	—	—	1
Worms,	—	—	—	—

* Including "Fever," Typhus Fever, Continued Fever, and "Bilious" Fever.

Nosological Arrangement.

[illegible]

TABLE X. — Continued.

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.
II. — 1. <i>Diathetic.</i>				
Totals,	2,313	14	63	191
Gout,	—	—	—	—
Dropsy,	69	—	6	12
Anæmia,	258	—	2	15
Cancer,*	1,838	13	48	150
Canker (Noma),	9	—	—	—
Mortification,	139	1	7	14
II. — 2. <i>Tubercular.</i>				
Totals,	6,970	56	176	661
Scrofula,	98	—	5	8
Tabes Mesenterica,	1,200	7	29	168
Phthisis,	5,221	47	135	464
Hydrocephalus (Tubercular Meningitis),	451	2	7	21
III. — 1. <i>Nervous System.</i>				
Totals,	6,389	73	195	663
Cephalitis,	1,387	16	34	153
Apoplexy,	2,162	18	72	164
Paralysis,	1,071	26	40	96
Insanity,	220	2	3	50
Chorea,	—	—	—	—
Epilepsy,	141	1	4	11
Tetanus,	33	—	—	7
Convulsions,	718	2	22	138
Brain Diseases, etc.,	657	8	20	44
III. — 2. <i>Organs of Circulation.</i>				
Totals,	4,368	67	149	385
Pericarditis,	376	8	10	34
Aneurism,	49	3	3	1
Heart Diseases, etc.,	3,943	56	136	350
III. — 3. <i>Respiratory Organs.</i>				
Totals,	7,130	68	201	704
Epistaxis,	1	—	—	—
Laryngitis,	83	1	2	13
Bronchitis,	1,448	9	33	177
Pleuritis,	201	3	6	20
Pneumonia,	4,993	53	149	454
Asthma,	109	1	4	12
Lung Diseases, etc.,	295	1	7	28

* Including 881 cases of Cancer part not stated, 342 Cancer of Stomach, 1 Cancer of Bowels, 248 Cancer of Liver, 197 Cancer of Uterus, 118 Cancer of Breast, 27 Cancer of Kidney, 24 of Epithelioma.

Nosological Arrangement.

Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
8	304	44	134	45	468	10	113	106	554	259
-	-	-	-	-	-	-	-	-	-	-
1	9	3	3	1	8	-	3	2	7	14
-	34	1	16	4	72	4	15	10	60	25
7	247	38	106	35	359	6	85	84	459	201
-	-	-	-	1	3	-	-	1	3	1
-	14	2	9	4	26	-	10	9	25	18
13	856	66	401	86	1,390	3	310	255	2,026	671
1	18	-	3	1	15	-	4	4	21	18
2	171	2	64	4	256	2	48	34	348	65
9	607	62	299	78	1,035	1	242	207	1,490	545
1	60	2	35	3	84	-	16	10	167	43
6	880	93	384	152	1,193	21	348	265	1,257	859
3	173	21	110	20	255	3	65	41	298	195
2	313	40	114	59	416	3	114	106	463	278
-	188	12	61	32	190	5	70	56	159	136
-	9	-	5	12	26	-	23	2	34	54
-	-	-	-	-	-	-	-	-	-	-
-	11	1	14	6	28	-	8	10	18	29
-	4	1	3	-	3	-	-	-	11	4
-	106	6	38	6	147	2	29	20	106	96
1	76	12	39	17	128	8	39	30	168	67
21	550	76	222	87	872	10	232	203	1,011	483
-	26	3	19	1	91	3	8	7	135	31
-	8	-	1	-	11	-	2	2	16	2
21	516	73	202	86	770	7	222	194	860	450
8	816	86	362	123	1,321	6	255	206	2,138	836
-	-	-	-	-	1	-	-	-	-	-
-	10	2	3	1	21	-	1	5	16	8
-	157	14	104	22	267	-	48	40	417	160
-	24	-	8	5	37	1	7	5	62	23
6	579	64	228	91	929	5	185	148	1,515	587
1	17	2	4	-	22	-	2	2	26	16
1	29	4	15	4	44	-	12	6	102	42

TABLE X. — Continued.

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.
III. — 4. <i>Digestive Organs.</i>				
Totals,	3,310	26	114	400
Gastritis,	254	2	14	30
Enteritis,	1,238	3	25	232
Peritonitis,	513	3	21	44
Appendicitis,	175	—	2	12
Ascites,	23	1	2	2
Ulceration of Intestines,	38	—	—	2
Hernia,	69	—	6	6
Ileus,	188	1	1	20
Intussusception,	28	—	1	2
Stricture of Intestines,	15	1	3	1
Fistula,	5	—	—	—
<i>Stomach Diseases, etc.,</i>	237	3	10	15
<i>Pancreas Disease,</i>	—	—	—	—
Hepatitis,	114	1	5	7
Jaundice,	71	1	6	6
<i>Liver Diseases, etc.,</i>	342	10	18	21
Spleen Disease,	—	—	—	—
III. — 5. <i>Urinary Organs.</i>				
Totals,	2,619	21	86	226
Nephritis,	1,697	7	52	143
Ischuria,	—	—	—	—
Diabetes,	293	6	10	23
Calculus (Gravel, etc.),	9	—	—	1
Cystitis,	166	2	7	18
<i>Kidney Diseases,</i>	454	6	17	41
III. — 6. <i>Generative Organs.</i>				
Totals,	97	1	4	4
Ovarian Dropsy,	91	1	3	3
<i>Uterus Diseases, etc.,</i>	6	—	1	1
III. — 7. <i>Organs of Locomotion.</i>				
Totals,	77	—	2	7
Arthritis,	1	—	—	—
<i>Joint Diseases, etc.,*</i>	76	—	2	7
III. — 8. <i>Integumentary System.</i>				
Totals,	63	1	2	4
Phlegmon,	36	1	1	3
Ulcer,	4	—	1	—
<i>Skin Diseases, etc.,</i>	23	—	—	1

* Including 3 Disease of Spine, and 5 Hip Disease.

Nosological Arrangement.

Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
1	358	37	221	44	598	6	137	103	916	349
1	26	4	14	2	51	1	8	12	62	27
-	131	5	80	12	231	4	42	24	358	91
-	53	6	33	5	87	1	22	25	147	66
-	19	1	14	3	22	-	9	7	57	29
-	2	2	1	2	1	-	1	-	4	5
-	8	-	5	-	7	-	2	-	10	4
-	6	3	2	-	19	-	-	3	19	5
-	20	1	11	3	39	-	12	9	50	21
-	6	1	2	2	5	-	-	-	8	1
-	-	-	1	-	7	-	2	-	-	-
-	1	-	-	-	2	-	-	-	2	-
-	36	6	24	4	37	-	8	3	59	32
-	-	-	-	-	-	-	-	-	-	-
-	10	3	10	2	21	-	10	6	24	15
-	6	-	4	-	10	-	4	1	19	14
-	34	5	20	9	59	-	17	13	97	39
-	-	-	-	-	-	-	-	-	-	-
4	320	44	191	57	498	1	131	113	613	314
2	203	29	134	38	321	1	81	73	407	206
-	-	-	-	-	-	-	-	-	-	-
-	38	4	22	6	43	-	20	16	69	36
-	-	-	-	-	1	-	1	-	5	1
-	22	3	10	3	43	-	10	3	25	20
2	57	8	25	10	90	-	19	21	107	51
-	12	2	6	1	21	-	1	2	35	8
-	11	2	6	1	19	-	1	2	34	8
-	1	-	-	-	2	-	-	-	1	-
-	9	-	4	1	16	-	7	3	23	5
-	-	-	-	-	1	-	-	-	-	-
-	9	-	4	1	15	-	7	3	23	5
-	6	1	4	3	15	-	5	3	13	6
-	4	1	2	2	6	-	4	-	9	3
-	-	-	1	-	-	-	-	1	1	-
-	2	-	1	1	9	-	1	2	3	3

TABLE X. — Concluded.

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.
<i>IV. — 1. Dev. Diseases of Children.</i>				
Totals,	1,694	9	56	208
Infantile, Premature, etc.,	1,470	5	52	186
Cyanosis,	73	1	2	3
Spina Bifida,	41	—	—	4
Other Malformations,	70	1	1	11
Teething,	40	2	1	4
<i>IV. — 2. Dev. Diseases of Adults.</i>				
Totals,	240	1	11	13
Paramenia,	—	—	—	—
Childbirth,*	240	1	11	13
<i>IV. — 3. Dev. Diseases of Old People.</i>				
Old Age,	1,724	42	59	166
<i>IV. — 4. Diseases of Nutrition.</i>				
Atrophy and Debility,	1,286	9	27	250
<i>V. — 1. Accident and Negligence.</i>				
Totals,	1,747	15	56	131
Fractures and Contusions,	465	2	18	27
Suffocation and Strangulation,	167	—	6	20
Burns and Scalds,	230	3	8	17
Poison,	77	—	2	12
Drowning and Lost at Sea,	288	4	5	21
Otherwise,†	102	2	2	7
Casualty,‡	418	4	15	27
<i>V. — 2. Infanticide.</i>				
	1	—	—	—
<i>V. — 3. Homicide.</i>				
	24	—	1	—
<i>V. — 4. Suicide.§</i>				
	291	7	13	10
<i>Cause not stated or ill-defined.</i>				
Totals,	320	5	2	26
Hemorrhage,	77	1	1	5
Tumor,	97	4	1	10
Unknown,	146	—	—	11

* Not including 23 cases of Metria (Puerperal Fever).

† Under "Otherwise" (V. — 1·7) are included deaths from heat, cold, drinking cold water, lightning, surgical operation and exposure.

‡ Manner not specified; returned as "Casualty."

§ Totals; manner not stated.

Nosological Arrangement.

Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
3	207	14	139	35	282	1	79	42	390	229
3	180	13	119	34	242	-	69	35	322	210
-	13	-	4	-	15	-	1	4	21	9
-	4	-	5	-	10	1	3	-	10	4
-	6	1	6	-	9	-	6	3	21	5
-	4	-	5	1	6	-	-	-	16	1
-	37	4	24	4	44	-	11	6	58	27
-	-	-	-	-	-	-	-	-	-	-
-	37	4	24	4	44	-	11	6	58	27
7	229	48	70	61	337	4	117	97	236	251
2	183	15	73	22	229	2	20	27	265	162
4	234	17	91	37	302	2	84	68	510	196
1	49	4	32	13	90	-	31	20	123	55
-	8	-	10	2	31	-	7	5	60	18
-	34	5	13	5	47	-	8	4	57	29
1	11	-	3	3	17	-	2	3	17	6
2	84	4	14	5	43	-	11	13	56	26
-	6	1	2	1	15	-	10	6	40	10
-	42	3	17	8	59	2	15	17	157	52
-	-	-	-	-	-	-	-	-	-	1
-	1	-	1	-	-	-	-	-	17	4
1	45	1	24	4	29	-	11	7	107	32
2	39	7	15	5	65	2	15	20	86	31
-	9	4	5	2	23	-	1	6	10	10
2	8	2	4	1	23	2	6	4	17	13
-	22	1	6	2	19	-	8	10	59	8

DEATHS FROM SPECIAL CAUSES

IN 1899.

FROM SPECIAL CAUSES IN THE YEAR 1899.

Childbirth.	Dysentery.	Diarrhoea.	Cholera Infantum.	Cholera Morbus.	Alcoholism.	Phthisis or Consumption.	Apoplexy.	Bronchitis.	Pneumonia.	Appendicitis.	Accident.	Homicide.	Infanticide.	Suicide.	Execution.
240	268	382	1,964	70	170	5,221	2,162	1,448	4,993	175	1,747	24	1	291	-
1	2	5	5	1	1	47	18	9	53	-	15	-	-	7	-
11	5	20	71	5	2	135	72	33	149	2	56	1	-	13	-
13	32	41	343	4	11	464	164	177	454	12	131	-	-	10	-
-	-	-	1	-	-	9	2	-	6	-	4	-	-	1	-
37	41	53	308	9	26	607	313	157	579	19	234	1	-	45	-
4	2	1	13	1	1	62	40	14	64	1	17	-	-	1	-
24	10	30	145	4	10	299	114	104	228	14	91	1	-	24	-
4	6	3	25	3	4	78	59	22	91	3	37	-	-	4	-
44	58	50	400	10	15	1,035	416	267	929	22	302	-	-	29	-
-	-	-	-	-	-	1	3	-	5	-	2	-	-	-	-
11	20	17	66	-	9	242	114	48	185	9	84	-	-	11	-
6	21	10	32	-	5	207	106	40	148	7	68	-	-	7	-
58	37	106	308	19	77	1,490	463	417	1,515	57	510	17	-	107	-
27	34	46	247	14	9	545	278	160	587	29	196	4	1	32	-
1	2	5	5	1	1	47	18	9	53	-	15	-	-	7	-
-	-	-	1	-	1	3	5	-	6	-	-	-	-	3	-
-	-	-	-	-	-	1	-	1	1	-	2	-	-	1	-
-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-
-	-	-	-	-	-	4	1	-	1	-	1	-	-	1	-
-	1	-	-	-	-	5	-	1	3	-	-	-	-	-	-
-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
-	1	-	2	-	-	8	-	2	8	-	3	-	-	-	-
-	-	-	-	-	-	5	-	2	3	-	2	-	-	-	-
-	-	-	-	-	-	6	-	-	5	-	1	-	-	-	-
-	-	1	-	-	-	3	-	1	4	-	-	-	-	-	-
1	-	2	-	-	-	5	5	2	6	-	4	-	-	1	-
-	-	1	-	-	-	1	-	-	-	-	2	-	-	-	-
-	-	-	-	-	-	-	2	-	6	-	-	-	-	-	-
-	-	-	1	-	-	1	3	-	6	-	-	-	-	-	-
-	-	1	1	-	-	3	1	-	2	-	-	-	-	1	-
11	5	20	71	5	2	135	72	33	149	2	56	1	-	13	-
1	-	5	10	-	-	14	10	5	18	-	7	-	-	3	-
-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
-	-	-	1	-	-	4	1	-	3	-	-	-	-	-	-
-	-	-	-	-	-	2	1	-	1	-	1	-	-	1	-
-	-	-	3	-	-	2	-	-	1	-	1	-	-	-	-
1	-	-	2	-	-	5	4	1	7	-	2	-	-	-	-
-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
-	-	-	-	-	-	1	-	1	-	-	-	-	-	1	-
-	-	-	1	1	-	11	3	1	18	1	3	-	-	-	-
-	-	-	-	-	-	1	2	-	-	-	2	-	-	-	-
-	-	-	-	-	-	3	-	1	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	2	3	-	1	-	-	1	-
-	1	-	1	-	1	6	5	1	8	-	1	-	-	1	-
1	-	-	2	-	-	1	-	1	2	-	-	-	-	1	-

Deaths in Each Town from Special Causes.

Childbirth.	Dysentery.	Diarrhea.	Cholera Infantum.	Cholera Morbus.	Alcoholism.	Phthisis or Consumption.	Apoplexy.	Bronchitis.	Pneumonia.	Appendicitis.	Accident.	Homicide.	Infanticide.	Suicide.	Execution.
-	-	-	-	-	-	1	1	-	2	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	3	-	-	1	1	1	3	-	1	-	-	-	-
-	1	9	14	2	-	40	16	8	26	1	11	1	-	2	-
-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
7	1	5	24	2	-	27	15	6	29	-	20	-	-	3	-
-	-	-	1	-	-	2	-	-	2	-	-	-	-	-	-
-	-	-	-	-	-	1	2	-	2	-	-	-	-	-	-
-	1	-	2	-	-	-	-	-	4	-	-	-	-	-	-
-	-	-	-	-	-	2	3	3	6	-	1	-	-	-	-
-	-	-	-	-	-	3	2	-	1	-	-	-	-	-	-
-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	2	1	-	3	-	3	-	-	-	-
-	-	1	6	-	1	4	2	2	4	-	3	-	-	-	-
1	1	-	-	-	-	-	1	-	1	-	-	-	-	-	-
13	32	41	343	4	11	464	164	177	454	12	131	-	-	10	-
-	1	-	1	-	-	2	3	1	1	-	-	-	-	-	-
2	2	1	13	-	-	16	8	2	12	-	10	-	-	-	-
-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-
1	-	-	1	-	-	6	5	2	4	-	2	-	-	-	-
-	-	-	5	-	-	7	3	1	4	1	2	-	-	-	-
-	-	-	1	-	-	6	4	1	18	1	1	-	-	-	-
-	-	-	2	-	-	5	3	1	6	-	2	-	-	-	-
1	14	30	212	2	4	205	41	105	187	1	53	-	-	2	-
-	-	-	-	-	-	2	1	1	4	-	-	-	-	1	-
2	-	-	4	-	-	5	3	1	7	1	4	-	-	-	-
4	5	4	75	1	5	120	49	42	105	2	23	-	-	3	-
-	1	2	1	-	-	7	8	3	13	-	3	-	-	-	-
-	1	-	-	-	1	4	4	-	2	-	1	-	-	-	-
-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	2	-	2	2	-	1	-	-	-	-
-	-	-	-	-	-	-	2	1	2	-	-	-	-	-	-
-	1	-	2	-	-	4	1	-	3	1	-	-	-	-	-
2	5	4	1	1	-	4	1	-	2	-	1	-	-	-	-
-	1	-	24	-	1	61	26	12	80	5	27	-	-	4	-
-	-	-	1	-	-	5	1	2	2	-	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	1	-	-	9	2	-	6	-	4	-	-	1	-
-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	4	1	-	4	-	3	-	-	1	-
-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	1	1	-	1	-	1	-	-	-	-
-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-
37	41	53	308	9	26	607	313	157	579	19	234	1	-	45	-
-	-	-	7	-	-	12	15	4	14	-	5	-	-	-	-
1	3	-	1	-	-	15	12	4	4	-	6	-	-	-	-
1	-	3	9	-	-	12	10	6	18	1	4	-	-	-	-
1	-	-	1	-	-	-	1	1	3	-	1	-	-	-	-

Deaths in Each Town from Special Causes.

Childbirth.	Dysentery.	Diarrhea.	Cholera Infantum.	Cholera Morbus.	Alcoholism.	Phthisis or Consumption.	Apoplexy.	Bronchitis.	Pneumonia.	Appendicitis.	Accident.	Homicide.	Infanticide.	Suicide.	Execution.
1	1	2	1	1	1	23	12	8	43	1	8	-	-	-	-
1	-	-	3	-	-	-	2	-	1	-	1	-	-	-	-
-	-	-	1	-	-	3	3	-	7	-	-	-	-	-	-
2	-	4	16	-	-	37	20	3	43	-	59	-	-	2	-
-	-	-	-	-	-	3	1	2	2	2	-	-	-	-	-
-	-	-	-	-	1	2	1	-	1	-	1	-	-	-	-
12	1	3	20	-	6	60	28	14	62	1	24	-	-	10	-
1	-	1	2	-	-	5	4	-	5	-	4	-	-	1	-
3	7	6	111	3	1	123	35	36	119	2	27	1	-	7	-
11	13	10	49	3	14	124	61	24	105	8	38	-	-	6	-
-	-	-	1	-	-	2	1	1	1	-	2	-	-	-	-
-	1	-	1	-	-	3	2	2	3	-	2	-	-	-	-
-	1	-	3	-	1	10	12	3	5	-	4	-	-	-	-
-	-	-	-	-	-	3	1	-	4	-	2	-	-	1	-
1	-	1	9	-	-	5	1	1	15	-	2	-	-	-	-
-	-	-	-	-	-	1	1	-	1	-	-	-	-	1	-
-	1	-	-	-	-	1	-	-	-	-	-	-	-	1	-
-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-
2	1	-	7	-	-	34	15	4	20	2	11	-	-	4	-
-	1	2	1	-	-	7	7	-	5	-	1	-	-	-	-
✓	1	1	5	-	-	28	8	7	10	-	4	-	-	1	-
-	-	1	-	-	-	12	9	3	12	-	4	-	-	2	-
-	-	-	1	-	-	1	1	1	5	-	1	-	-	-	-
-	7	16	53	2	1	60	41	26	53	2	16	-	-	6	-
-	2	-	1	-	-	2	1	-	-	-	1	-	-	-	-
-	-	1	2	-	-	9	4	4	2	-	3	-	-	1	-
-	-	1	2	-	-	5	2	2	8	-	2	-	-	-	-
-	-	-	-	-	-	1	-	-	3	-	1	-	-	-	-
-	-	1	1	-	-	2	1	-	-	-	-	-	-	-	-
-	-	-	-	-	-	2	-	-	5	-	-	-	-	1	-
4	2	1	13	1	1	62	40	14	64	1	17	-	-	1	-
-	-	-	-	-	-	2	2	2	1	-	-	-	-	-	-
-	-	-	-	-	-	3	2	-	2	-	-	-	-	-	-
-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	5	-	4	-	1	-	-	1	-
-	-	-	-	-	-	-	3	1	4	-	-	-	-	-	-
-	-	-	-	-	-	6	1	-	3	-	1	-	-	-	-
-	-	-	1	-	-	-	-	-	3	-	-	-	-	-	-
1	1	-	3	-	-	17	3	3	6	-	4	-	-	-	-
-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-
-	-	-	-	-	-	-	3	-	12	-	-	-	-	-	-
-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	5	-	1	10	4	2	9	-	4	-	-	-	-
1	-	-	1	-	-	-	2	-	1	-	-	-	-	-	-
2	-	-	-	-	-	8	1	-	3	-	2	-	-	-	-
-	-	-	-	-	-	-	5	2	14	-	1	-	-	-	-
-	1	-	-	-	-	4	-	1	-	-	2	-	-	-	-
-	-	-	1	-	-	1	4	-	4	1	-	-	-	-	-
-	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-
-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-
-	-	-	-	-	-	1	1	-	2	-	-	-	-	-	-
-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-

TABLE XI.—Continued.

COUNTIES AND TOWNS.	Population in 1895.	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Cerebro-sp. Meningitis.	Croup.	Whooping- cough.	Typhoid Fever.	Erysipelas.	Metria (Fuer- peral Fever).
HAMPDEN Co., . . .	152,938	-	8	8	89	17	18	14	61	16	4
Agawam,	2,408	-	-	-	3	-	1	-	3	-	-
Blandford,	849	-	-	-	-	-	-	-	-	-	-
Brimfield,	962	-	-	-	-	-	-	-	-	-	-
Chester,	1,429	-	-	-	-	-	-	-	-	-	-
Chicopee,	16,420	-	-	-	6	1	-	2	6	1	1
East Longmeadow, . .	1,591	-	-	-	1	-	-	-	-	-	-
Granville,	1,005	-	-	-	-	1	1	-	-	-	-
Hampden,	743	-	-	-	2	-	-	-	-	-	-
Holland,	199	-	-	-	-	-	-	-	-	-	-
Holyoke,	40,322	-	-	3	10	10	1	6	11	6	1
Longmeadow,	620	-	-	-	-	-	-	1	1	-	-
Ludlow,	2,562	-	-	-	-	-	1	-	4	-	1
Monson,	3,746	-	-	-	1	-	-	2	-	-	-
Montgomery,	275	-	-	-	-	-	-	-	-	-	-
Palmer,	6,858	-	-	2	7	-	3	1	5	-	-
Russell,	846	-	1	-	-	-	-	-	-	-	-
Southwick,	961	-	-	1	1	-	-	-	-	-	-
Springfield,	51,522	-	4	2	48	5	7	2	27	8	1
Tolland,	309	-	-	-	-	-	-	-	-	-	-
Wales,	783	-	-	-	-	-	-	-	-	-	-
West Springfield, . .	6,125	-	1	-	8	-	2	-	1	1	-
Westfield,	10,663	-	2	-	1	-	2	-	3	-	-
Wilbraham,	1,740	-	-	-	1	-	-	-	-	-	-
HAMPSHIRE Co., . .	54,710	-	-	3	9	2	4	6	18	3	-
Amherst,	4,785	-	-	-	-	-	-	1	-	-	-
Belchertown,	2,161	-	-	-	1	-	-	-	1	-	-
Chesterfield,	589	-	-	-	-	-	-	-	-	-	-
Cummington,	750	-	-	-	-	-	-	-	-	-	-
Easthampton,	4,790	-	-	-	1	-	1	2	-	-	-
Enfield,	990	-	-	-	-	-	-	-	-	-	-
Goshen,	304	-	-	-	-	-	-	-	1	-	-
Granby,	748	-	-	-	-	-	-	-	-	-	-
Greenwich,	481	-	-	-	-	-	-	-	1	-	-
Hadley,	1,704	-	-	-	-	-	-	-	1	-	-
Hatfield,	1,262	-	-	1	-	-	-	-	-	-	-
Huntington,	1,450	-	-	-	-	-	-	-	-	-	-
Middlefield,	386	-	-	-	-	-	-	-	-	-	-
Norhampton,	16,746	-	-	1	5	1	1	-	11	1	-
Pelham,	486	-	-	-	-	-	-	-	-	-	-
Plainfield,	450	-	-	-	-	-	-	-	-	-	-
Prescott,	401	-	-	-	-	-	-	-	-	-	-
South Hadley,	4,443	-	-	-	1	-	1	2	-	-	-
Southampton,	1,054	-	-	-	-	-	-	-	-	-	-
Ware,	7,651	-	-	1	-	1	1	1	1	1	-
Westhampton,	476	-	-	-	-	-	-	-	-	-	-
Williamsburg,	1,955	-	-	-	-	-	-	-	2	1	-
Worthington,	648	-	-	-	1	-	-	-	-	-	-
MIDDLESEX Co., . .	499,217	3	46	40	131	45	34	66	101	28	3
Acton,	1,978	-	-	-	-	-	-	-	-	-	-
Arlington,	6,515	-	-	-	-	1	-	-	1	-	-
Ashby,	804	-	-	-	-	-	-	-	-	-	-
Ashland,	2,090	-	-	1	-	-	-	-	-	-	-
Ayer,	2,101	-	-	-	-	-	-	-	1	-	-
Bedford,	1,169	-	-	-	-	-	-	-	-	1	-

Deaths in Each Town from Special Causes.

Childbirth.	Dysentery.	Diarrhoea.	Cholera Infantum.	Cholera Morbus.	Alcoholism.	Phthisis or Consumption.	Apoplexy.	Bronchitis.	Pneumonia.	Appendicitis.	Accident.	Homicide.	Infanticide.	Suicide.	Execution.
24	10	30	145	4	10	299	114	104	228	14	91	1	-	24	-
1	-	1	3	-	-	5	1	2	6	-	-	-	-	-	-
-	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-
-	1	-	1	-	-	-	1	-	4	-	1	-	-	-	-
-	-	1	1	-	-	2	2	1	3	-	2	-	-	-	-
3	1	6	36	-	1	40	10	7	30	-	7	-	-	-	-
-	-	-	-	-	-	3	3	-	4	-	2	-	-	-	-
-	-	-	1	-	-	1	-	1	3	-	-	-	-	-	-
-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
7	3	13	54	-	1	81	21	34	41	3	27	-	-	5	-
-	-	-	1	-	-	-	-	1	3	-	-	-	-	-	-
-	-	2	1	1	-	2	2	2	12	-	1	-	-	-	-
-	-	-	1	-	1	6	4	2	4	-	2	-	-	1	-
-	1	-	-	-	-	-	2	-	-	-	-	-	-	-	-
2	-	-	1	-	-	14	6	4	8	-	3	-	-	1	-
-	-	-	-	-	-	1	-	-	1	-	1	-	-	-	-
-	-	-	1	-	-	-	5	1	4	1	2	-	-	-	-
9	-	4	26	1	6	110	34	31	78	10	25	1	-	13	-
-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	1	-	10	1	1	7	7	9	8	-	5	-	-	1	-
-	3	2	8	1	-	24	12	6	14	-	10	-	-	3	-
-	-	1	-	-	-	2	-	2	3	-	2	-	-	-	-
4	6	3	25	3	4	78	59	22	91	3	37	-	-	4	-
-	-	-	4	-	-	7	11	-	5	1	1	-	-	2	-
-	-	-	1	-	-	2	1	-	4	-	1	-	-	-	-
-	-	-	-	-	-	1	-	1	4	-	-	-	-	-	-
-	1	-	-	1	1	-	-	-	2	-	-	-	-	-	-
1	-	-	2	-	-	6	6	6	6	-	5	-	-	-	-
-	-	-	-	-	-	3	1	-	2	-	3	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
-	-	-	-	1	-	2	1	1	4	1	-	-	-	-	-
1	-	1	3	-	-	2	1	-	-	-	1	-	-	-	-
-	-	-	-	-	-	3	1	-	2	-	3	-	-	-	-
1	1	-	-	-	-	1	1	-	-	-	1	-	-	-	-
-	-	-	6	-	1	39	17	5	23	-	15	-	-	1	-
-	-	-	-	-	-	1	3	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
-	2	-	-	-	1	5	4	1	7	-	1	-	-	-	-
-	1	-	-	-	-	2	3	2	2	-	1	-	-	-	-
1	-	1	8	1	1	2	3	3	22	-	4	-	-	1	-
-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-
-	-	-	-	-	-	1	3	1	1	1	-	-	-	-	-
-	1	-	-	-	-	-	1	-	2	-	1	-	-	-	-
44	58	50	400	10	15	1,035	416	267	929	22	302	-	-	29	-
-	1	-	1	-	-	-	4	-	4	-	1	-	-	1	-
-	-	-	3	-	-	11	9	3	6	-	4	-	-	-	-
1	-	-	-	-	-	1	-	-	4	-	2	-	-	-	-
1	-	-	-	-	-	1	3	1	4	-	1	-	-	-	-
-	-	-	-	-	1	2	2	2	5	-	1	-	-	-	-
-	-	-	-	-	-	2	-	-	2	-	1	-	-	-	-

TABLE XI.—Continued.

COUNTIES AND TOWNS.	Population in 1895.	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Cerebro-sp. Meningitis.	Croup.	Whooping- cough.	Typhoid Fever.	Erysipelas.	Metria (Puer- peral Fever).
Middlesex — Con.											
Belmont,	2,843	-	-	-	-	-	-	-	-	1	-
Billerica,	2,577	-	-	-	-	-	-	-	-	-	-
Boxborough,	307	-	-	-	-	-	-	-	-	-	-
Burlington,	574	-	-	-	-	-	-	-	-	-	-
Cambridge,	81,643	-	3	8	51	8	5	20	13	3	2
Carlisle,	492	-	-	-	1	-	-	1	-	-	-
Chelmsford,	3,162	-	-	-	-	-	-	-	2	1	-
Concord,	5,175	-	-	-	2	1	-	-	-	-	-
Dracut,	2,443	-	-	-	1	-	1	-	2	-	-
Dunstable,	400	-	-	-	-	-	-	-	-	-	-
Everett,	18,573	2	1	3	9	2	4	3	7	2	-
Framingham,	9,512	-	-	1	-	-	-	-	2	-	-
Groton,	2,192	-	-	-	-	1	-	1	-	-	-
Holliston,	2,718	-	-	-	-	-	-	-	-	-	-
Hopkinton,	2,984	-	-	-	-	1	-	-	-	-	-
Hudson,	5,308	-	-	1	-	-	-	-	-	-	-
Lexington,	3,498	-	-	-	-	-	-	-	-	-	-
Lincoln,	1,111	-	-	-	-	-	-	-	1	1	-
Littleton,	1,136	-	-	-	-	-	-	-	-	-	-
Lowell,	84,367	1	31	10	23	8	18	15	18	3	1
Malden,	29,708	-	2	-	7	1	2	2	4	1	-
Marlborough,	14,977	-	-	4	2	2	1	1	1	-	-
Maynard,	3,090	-	-	-	-	-	-	-	1	2	-
Medford,	14,474	-	-	-	9	-	-	1	5	1	-
Melrose,	11,965	-	-	1	-	-	-	-	4	-	-
Natick,	8,814	-	-	-	-	1	-	-	4	-	-
Newton,	27,590	-	1	2	5	8	-	3	4	-	-
North Reading,	835	-	-	-	-	-	-	-	-	-	-
Pepperell,	3,321	-	-	-	-	1	1	1	1	-	-
Reading,	4,717	-	-	-	-	-	1	-	-	-	-
Sherborn,	1,446	-	-	-	-	1	-	-	-	-	-
Shirley,	1,399	-	-	1	1	-	-	1	-	-	-
Somerville,	52,200	-	4	3	11	2	-	9	15	5	-
Stoneham,	6,284	-	-	-	1	2	-	2	2	1	-
Stow,	920	-	-	-	-	-	-	-	-	-	-
Sndbury,	1,141	-	-	-	-	-	-	-	-	-	-
Tewksbury,	3,379	-	-	-	-	-	-	-	-	-	-
(State Almshouse),	-	-	-	-	-	-	-	-	-	2	-
Townsend,	1,780	-	-	-	-	-	-	-	-	-	-
Tyngsborough,	635	-	-	-	-	1	-	-	-	-	-
Wakefield,	8,304	-	-	-	-	1	-	-	1	1	-
Waltham,	20,876	-	2	1	4	1	-	-	5	1	-
Watertown,	7,788	-	-	1	2	1	-	1	1	-	-
Wayland,	2,026	-	-	-	-	-	-	-	1	-	-
Westford,	2,418	-	-	-	-	-	-	1	-	-	-
Weston,	1,710	-	-	-	-	-	-	-	-	-	-
Wilmington,	1,420	-	-	1	-	1	-	-	1	-	-
Winchester,	6,150	-	1	1	1	-	-	-	1	-	-
Woburn,	14,178	-	1	1	1	-	1	4	3	2	-
NANTUCKET Co.,	3,016	-	-	-	-	-	-	-	-	-	-
NORFOLK Co.,	134,819	-	6	4	36	8	7	12	32	12	1
Avon,	1,626	-	-	1	-	-	-	1	1	-	-
Bellingham,	1,481	-	-	-	-	-	-	1	1	-	-
Braintree,	5,311	-	-	1	5	-	-	-	1	-	-
Brookline,	16,164	-	-	-	11	-	1	-	2	2	-
Canton,	4,636	-	-	-	-	-	-	-	1	-	-
Cohasset,	2,474	-	-	-	-	-	-	-	-	-	-

Deaths in Each Town from Special Causes.

Childbirth.	Dysentery.	Diarrhoea.	Cholera Infantum.	Cholera Morbus.	Alcoholism.	Phthisis or Consumption.	Apoplexy.	Bronchitis.	Pneumonia.	Appendicitis.	Accident.	Homicide.	Infanticide.	Suicide.	Execution.
-	-	-	-	-	-	6	-	1	2	-	3	-	-	-	-
2	3	-	-	-	-	6	3	-	1	-	3	-	-	-	-
10	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
7	7	10	67	1	4	183	71	61	171	4	35	-	-	3	-
-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-
-	-	-	3	-	-	13	-	2	9	-	-	-	-	-	-
-	-	-	3	-	-	6	3	2	9	-	3	-	-	1	-
-	-	-	3	-	-	2	3	1	2	-	1	-	-	-	-
4	1	3	12	-	1	35	10	8	45	-	10	-	-	1	-
1	-	-	2	-	-	20	6	2	14	3	14	-	-	-	-
-	-	-	-	-	-	-	4	-	4	-	-	-	-	-	-
-	1	-	1	-	-	3	1	1	4	-	-	-	-	1	-
-	1	-	1	-	-	7	1	1	6	2	-	-	-	1	-
1	-	-	6	-	-	9	3	4	3	-	1	-	-	1	-
1	1	-	1	-	2	2	2	2	5	-	3	-	-	-	-
-	-	-	-	-	-	1	1	-	-	-	2	-	-	-	-
-	-	-	1	-	-	1	1	-	1	-	1	-	-	-	-
9	2	6	179	1	1	194	63	75	197	6	57	-	-	7	-
-	6	2	19	4	-	51	23	15	34	-	15	-	-	2	-
-	7	-	11	-	-	27	9	4	16	-	9	-	-	-	-
1	-	-	2	-	-	6	4	1	8	-	1	-	-	-	-
2	1	2	7	-	-	22	17	2	13	-	14	-	-	1	-
2	1	-	-	-	3	14	7	3	24	-	12	-	-	-	-
-	-	1	2	-	-	18	7	1	16	1	7	-	-	1	-
1	11	-	14	-	-	36	29	9	47	1	19	-	-	1	-
-	-	-	-	-	-	-	1	-	3	-	-	-	-	-	-
-	-	-	-	-	-	5	1	2	3	-	2	-	-	-	-
-	1	1	2	-	-	8	5	-	7	-	6	-	-	-	-
-	-	-	1	-	-	2	3	-	3	-	-	-	-	-	-
-	-	1	-	-	-	1	2	1	2	-	3	-	-	2	-
3	4	8	26	2	2	91	38	25	106	2	20	-	-	2	-
-	4	-	3	-	-	3	5	7	6	-	1	-	-	1	-
-	-	-	-	-	-	1	1	-	1	1	-	-	-	-	-
-	-	-	-	-	-	3	1	-	1	-	-	-	-	-	-
-	-	-	3	-	-	3	1	3	5	-	1	-	-	-	-
-	-	8	2	-	-	107	15	3	26	-	1	-	-	-	-
-	-	-	1	-	-	1	4	-	3	-	-	-	-	-	-
2	1	1	-	-	-	4	-	1	1	-	2	-	-	-	-
1	1	4	5	-	1	15	4	3	9	-	6	-	-	-	-
-	1	-	2	1	-	45	16	7	40	2	16	-	-	-	-
-	1	-	1	-	-	5	6	3	14	-	7	-	-	-	-
-	-	-	1	-	-	4	2	-	2	-	-	-	-	-	-
1	-	-	-	-	-	8	2	2	3	-	3	-	-	-	-
-	-	-	-	-	-	6	2	1	3	-	-	-	-	-	-
-	-	-	2	-	-	2	2	2	3	-	-	-	-	1	-
-	-	-	3	-	-	9	6	-	7	-	6	-	-	-	-
1	2	-	11	1	-	31	12	6	21	-	8	-	-	2	-
-	-	-	-	-	-	1	3	-	5	-	2	-	-	-	-
11	20	17	66	-	9	242	114	48	185	9	84	-	-	11	-
-	-	-	-	-	-	1	2	-	2	-	-	-	-	1	-
-	-	-	-	-	-	-	2	-	3	-	-	-	-	-	-
1	-	-	1	-	1	5	6	1	11	-	3	-	-	-	-
4	1	2	6	-	-	19	10	3	14	2	8	-	-	-	-
-	1	-	3	-	-	8	1	1	4	-	8	-	-	-	-
-	1	-	3	-	-	3	3	-	5	-	3	-	-	-	-

Deaths in Each Town from Special Causes.

Childbirth.	Dysentery.	Diarrhoea.	Cholera Infantum.	Cholera Morbus.	Alcoholism.	Phthisis or Consumption.	Apoplexy.	Bronchitis.	Pneumonia.	Appendicitis.	Accident.	Homicide.	Infanticide.	Suicide.	Execution.
-	-	1	2	-	-	14	7	1	7	-	4	-	-	-	-
-	-	-	1	-	-	2	2	-	-	1	1	-	-	-	-
1	-	2	4	-	3	7	7	2	3	1	3	-	-	-	-
-	-	-	-	-	-	5	4	-	7	-	3	-	-	2	-
-	1	2	8	-	-	9	1	-	1	-	-	-	-	1	-
-	-	-	-	-	-	30	9	3	15	1	9	-	-	2	-
-	-	-	1	-	-	10	8	3	4	-	1	-	-	-	-
1	-	-	1	-	-	6	1	-	5	-	1	-	-	-	-
1	-	-	1	-	1	-	-	4	1	-	-	-	-	-	-
1	-	-	1	-	-	4	7	4	8	-	2	-	-	-	-
-	6	-	1	-	-	5	3	-	5	-	2	-	-	1	-
-	1	1	-	-	-	-	-	-	-	-	4	-	-	-	-
-	-	-	3	-	-	11	2	3	10	-	-	-	-	-	-
2	3	6	17	-	3	50	15	16	25	1	16	-	-	1	-
-	1	-	4	-	-	10	3	1	8	-	2	-	-	-	-
-	-	-	1	-	-	9	4	-	-	-	1	-	-	1	-
-	2	1	3	-	-	7	1	-	8	1	2	-	-	-	-
-	1	1	2	-	-	2	2	-	5	-	3	-	-	-	-
-	1	1	-	-	-	5	6	1	9	-	1	-	-	1	-
1	1	1	3	-	1	18	9	8	16	2	5	-	-	-	-
-	-	-	-	-	-	4	1	1	6	-	2	-	-	-	-
6	21	10	32	-	5	207	106	40	148	7	68	-	-	7	-
-	1	-	-	-	-	5	2	2	8	-	3	-	-	-	-
3	9	4	-	-	-	30	7	4	11	-	3	-	-	-	-
-	-	1	14	-	1	66	21	9	50	3	16	-	-	4	-
-	-	-	2	-	-	1	-	-	1	-	2	-	-	-	-
-	-	-	-	-	-	-	4	-	9	-	2	-	-	-	-
-	-	-	1	-	-	4	6	2	8	-	1	-	-	-	-
-	2	-	-	-	-	3	2	-	1	-	-	-	-	-	-
-	-	-	-	-	-	4	1	1	3	1	2	-	-	-	-
-	1	1	-	-	-	2	2	2	2	-	-	-	-	1	-
-	1	-	-	-	-	8	6	4	1	-	6	-	-	-	-
-	-	-	1	-	-	5	2	1	3	-	-	-	-	-	-
-	-	-	-	-	-	3	2	1	2	-	5	-	-	-	-
-	-	-	-	-	-	4	1	-	1	-	1	-	-	-	-
-	-	-	1	-	-	3	2	2	3	-	2	-	-	-	-
-	1	-	-	-	1	12	5	2	8	1	2	-	-	1	-
1	-	-	-	-	-	3	5	2	3	1	-	-	-	-	-
1	-	1	-	-	-	1	5	-	3	-	-	-	-	-	-
1	-	1	3	-	1	17	12	1	4	-	6	-	-	-	-
-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-
-	-	1	4	-	1	9	3	1	-	-	2	-	-	-	-
-	1	-	2	-	-	1	2	1	2	-	1	-	-	-	-
-	1	1	1	-	1	10	3	2	6	1	5	-	-	-	-
-	1	-	-	-	-	2	3	1	-	-	3	-	-	-	-
1	4	-	2	-	-	9	5	2	9	-	2	-	-	1	-
58	37	106	308	19	77	1,490	463	417	1,515	57	510	17	-	107	-
57	31	99	283	19	76	1,407	424	400	1,429	52	494	16	-	104	11
1	6	7	19	-	1	73	26	12	72	4	10	1	-	1	-
-	-	-	5	-	-	9	9	5	9	1	2	-	-	1	-
-	-	-	1	-	-	1	4	-	5	-	4	-	-	1	-

TABLE XI. — Concluded.

COUNTIES AND TOWNS.	Population in 1895.	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Cerebro-sp. Meningitis.	Croup.	Whooping- cough.	Typhoid Fever.	Erysipelas.	Metria (Puer- peral Fever).
WORCESTER Co., . . .	306,445	-	21	36	102	28	19	30	50	11	4
Ashburnham, . . .	2,148	-	-	-	-	-	-	1	1	-	-
Athol, . . .	7,364	-	-	1	-	2	-	-	-	-	-
Auburn, . . .	1,598	-	-	-	1	-	-	1	-	-	-
Barre, . . .	2,278	-	-	-	-	-	-	-	-	-	-
Berlin, . . .	897	-	-	-	-	-	-	-	-	-	-
Blackstone, . . .	6,039	-	1	2	-	1	1	2	4	-	-
Bolton, . . .	797	-	-	-	-	-	-	-	-	-	-
Boylston, . . .	729	-	-	-	-	-	1	-	-	-	-
Brookfield, . . .	3,279	-	-	-	1	-	1	-	-	-	-
Charlton, . . .	1,877	-	-	-	-	-	-	-	1	-	-
Clinton, . . .	11,497	-	-	-	2	-	-	1	3	2	-
Dana, . . .	717	-	-	-	-	-	-	-	-	-	-
Douglas, . . .	2,026	-	-	-	1	-	-	1	-	-	-
Dudley, . . .	3,203	-	-	-	-	1	-	1	1	-	-
Fitchburg, . . .	26,409	-	6	4	4	5	4	4	3	-	2
Gardner, . . .	9,182	-	4	5	11	1	4	4	2	-	1
Grafton, . . .	5,101	-	-	-	1	-	-	-	-	1	-
Hardwick, . . .	2,655	-	-	1	-	-	1	-	-	-	-
Harvard, . . .	1,162	-	-	-	-	-	-	-	-	-	-
Holden, . . .	2,602	-	-	1	-	-	-	-	-	-	-
Hopedale, . . .	1,377	-	-	-	-	2	-	-	-	-	-
Hubbardston, . . .	1,274	-	-	-	-	-	-	-	-	-	-
Lancaster, . . .	2,180	-	-	-	-	-	-	-	-	-	-
Leicester, . . .	3,239	-	-	-	-	-	-	-	-	-	-
Leominster, . . .	9,211	-	-	2	3	2	1	2	-	1	-
Lunenburg, . . .	1,237	-	-	-	-	-	-	-	1	-	-
Mendon, . . .	889	-	-	-	1	-	1	-	-	-	-
Milford, . . .	8,959	-	1	1	1	7	-	-	2	-	-
Millbury, . . .	5,222	-	-	-	1	-	1	-	2	-	-
New Braintree, . . .	542	-	-	-	-	-	-	-	-	-	-
North Brookfield, . . .	4,635	-	-	2	12	-	-	-	-	-	-
Northborough, . . .	1,940	-	-	-	2	-	-	-	-	-	-
Northbridge, . . .	5,286	-	1	2	4	1	-	1	1	-	-
Oakham, . . .	605	-	-	-	-	-	-	-	-	-	-
Oxford, . . .	2,390	-	-	-	-	-	-	-	-	-	-
Paxton, . . .	426	-	-	-	-	-	-	-	-	-	-
Petersham, . . .	952	-	-	-	-	-	-	-	-	-	-
Phillipston, . . .	460	-	-	-	-	-	-	-	-	-	-
Princeton, . . .	952	-	-	-	-	-	-	-	-	-	-
Royalston, . . .	890	-	-	-	-	-	-	-	-	-	-
Rutland, . . .	978	-	-	-	1	-	-	-	-	-	-
Shrewsbury, . . .	1,524	-	-	-	-	-	-	-	-	-	-
Southborough, . . .	2,223	-	-	-	-	-	-	-	-	-	-
Southbridge, . . .	8,250	-	-	-	1	-	-	2	1	-	-
Spencer, . . .	7,614	-	1	2	1	-	-	-	1	-	-
Sterling, . . .	1,218	-	-	-	-	1	-	-	-	-	-
Sturbridge, . . .	1,910	-	-	-	-	-	-	-	-	-	-
Sutton, . . .	3,420	-	-	-	3	1	-	1	1	-	1
Templeton, . . .	2,915	-	-	-	3	-	-	-	-	-	-
Upton, . . .	2,150	-	-	-	-	-	-	-	1	-	-
Uxbridge, . . .	3,546	-	-	-	4	-	-	-	1	-	-
Warren, . . .	4,430	-	-	1	1	-	1	-	-	-	-
Webster, . . .	7,799	-	-	-	1	-	2	-	1	-	-
West Boylston, . . .	2,968	-	2	1	1	-	-	-	-	4	-
West Brookfield, . . .	1,467	-	-	-	-	-	-	-	-	-	-
Westborough, . . .	5,235	-	-	-	-	-	-	3	3	-	-
Westminster, . . .	1,315	-	-	-	-	-	-	-	-	-	-
Winchendon, . . .	4,490	-	-	1	-	1	-	2	-	-	-
Worcester, . . .	98,767	-	5	10	41	3	1	4	20	3	-

Deaths in Each Town from Special Causes.

Childbirth.	Dysentery.	Diarrhea.	Cholera Infantum.	Cholera Morbus.	Alcoholism.	Phthisis or Consumption.	Apoplexy.	Bronchitis.	Pneumonia.	Appendicitis.	Accident.	Homicide.	Infanticide.	Suicide.	Execution.
27	34	46	247	14	9	545	278	160	587	29	196	4	1	32	-
-	1	-	1	-	-	3	4	1	4	-	2	-	-	-	-
-	3	-	2	-	1	9	7	3	11	-	2	-	-	2	-
-	-	-	-	-	-	1	1	1	3	-	-	-	-	-	-
-	1	-	-	-	-	1	7	1	3	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
1	-	-	1	-	-	18	2	3	16	-	7	-	-	2	-
-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
-	-	-	-	-	-	2	1	-	1	-	1	-	-	1	-
1	1	-	2	1	-	6	6	2	2	-	5	-	-	-	-
1	2	6	12	-	-	2	3	-	7	-	3	-	-	-	-
-	-	-	-	-	-	18	8	4	16	-	8	-	-	-	-
1	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-
-	-	-	-	-	1	3	-	-	5	1	3	1	-	2	-
-	-	1	8	-	-	2	3	3	5	-	2	-	-	-	-
5	4	3	19	-	1	37	13	13	44	1	13	1	-	3	-
1	-	-	14	2	-	18	12	9	17	-	5	-	-	-	-
-	-	1	3	-	-	8	6	4	5	-	1	-	-	-	-
-	-	1	2	-	-	7	2	4	11	-	3	-	-	-	-
-	1	-	-	-	-	1	3	-	-	-	-	-	-	-	-
-	-	-	2	-	-	5	2	2	1	-	-	-	-	-	-
-	-	-	2	-	-	3	2	-	-	-	1	-	-	-	-
1	-	1	-	-	-	1	3	2	1	-	-	1	-	-	-
-	1	-	1	-	-	4	4	2	3	-	3	-	-	-	-
-	2	1	-	-	-	8	5	4	4	-	1	-	-	-	-
1	-	-	4	-	-	19	9	5	15	1	9	-	-	3	-
-	-	-	-	1	-	1	1	-	1	1	4	-	-	-	-
1	1	1	10	-	-	3	1	1	1	-	-	-	-	-	-
-	-	2	4	-	-	24	14	5	46	-	3	-	-	-	-
-	-	-	-	-	-	7	5	3	6	1	5	-	-	-	-
-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-
-	-	-	4	-	-	7	7	1	5	-	-	-	-	-	-
1	-	-	1	-	-	1	3	-	6	-	-	-	-	1	-
1	2	2	9	-	-	10	5	5	10	-	4	-	-	-	-
1	1	1	1	-	-	10	4	4	3	-	1	-	-	-	-
-	-	-	1	-	-	-	-	-	4	-	3	-	-	-	-
-	-	-	-	-	-	1	1	-	2	-	1	-	-	-	-
1	-	-	-	-	-	1	1	3	-	-	1	-	-	-	-
-	-	1	-	-	-	2	2	-	2	-	1	-	-	1	-
-	-	-	-	2	-	5	1	-	2	-	1	-	-	-	-
-	-	-	1	-	-	1	3	-	2	-	-	-	1	-	-
1	2	1	17	-	-	3	-	1	6	-	-	-	-	-	-
-	-	-	6	2	-	16	6	4	21	-	4	-	-	1	-
-	-	-	-	-	-	5	4	5	11	-	6	-	-	3	-
-	-	-	3	-	-	-	1	2	-	-	1	-	-	1	-
-	1	-	4	-	-	6	1	2	5	-	2	-	-	-	-
-	-	-	3	-	-	3	7	2	1	2	4	-	-	1	-
-	1	-	-	-	-	4	3	-	9	-	-	-	-	-	-
-	-	1	5	-	-	4	3	-	7	-	2	-	-	1	-
-	-	1	-	-	-	4	3	2	4	-	1	-	-	-	-
2	-	1	17	1	-	15	6	5	9	-	5	-	-	-	-
1	-	2	1	-	-	6	1	3	6	-	2	-	-	-	-
-	-	-	-	-	-	5	3	-	1	-	2	-	-	-	-
1	-	1	-	-	1	9	5	2	13	1	3	-	-	-	-
-	-	-	-	-	-	1	2	-	2	-	-	-	-	-	-
-	-	-	-	-	-	1	5	1	9	1	3	-	-	-	-
5	10	16	84	4	5	209	72	45	209	20	65	1	-	9	-

TABLE XII. — *Aged One Hundred Years or More. — Died in 1899.*

Date.	NAME.	Age.		Place of Birth.	Place of Death.	Whether Married.
		Yrs.	Mos.			
Jan. 1,	Ellen Daly (m. n. O'Neil),	101	2	Ireland,	Lawrence,	Widow.
Jan. 12,	Joseph D. Jones,	101	—	Boston,	Boston,	Married.
Jan. 23,	Bridget Fox (m. n. Cullerton),	105	—	Ireland,	Lowell,	Widow.
Jan. 29,	Joseph St. John,	101	—	Canada,	Sturbridge,	Widower.
Feb. 9,	Mary Murphy,	100	9	Ireland,	Weymouth,	Widow.
Feb. 26,	Mariana Smith (m. n. Patch),	101	5	Western Islands,	Manchester,	Widow.
March 3,	Lydia Gale (m. n. Cartwright),	101	1	Charlestown, Mass.,	Everett,	Widow.
April 5,	Emilie Boucher,	103	—	Canada,	Southbridge,	Widow.
April 11,	Catherine Dufey (m. n. Cottonton),	101	7	Ireland,	Boston,	Widow.
April 28,	Mary Spooner,	105	2	New Bedford,	New Bedford,	Single.
May 29,	Ann Kendall,	105	—	West Indies,	Boston,	Widow.
June 16,	Mary Forrester,	100	—	Ireland,	Framingham,	Single.
June 17,	Genevieve Collette,	104	8	Canada,	Methuen,	Single.
July 4,	Sarah Lynch (m. n. Hosford),	100	9	Plainfield,	Stockbridge,	Widow.
Aug. 17,	Orpha Hammond (m. n. Packard),	100	2	Bridgewater,	Watertown,	Widow.
Aug. 18,	Christopher C. Quinn,	100	9	Ireland,	Russell,	Widower.
Aug. 27,	Mary Russell Bradford (m. n. Winslow),	106	2	Boston,	Cambridge,	Widow.
Aug. 30,	Jane Janes (m. n. Antle),	101	3	Briggs, N. F.,	Boston,	Widow.
Sept. 5,	John Scrinney,	102	—	Ireland,	Taunton,	Married.
Oct. 31,	Phebe Williams (m. n. Hill),	102	11	Connecticut,	New Bedford,	Widow.
Nov. 28,	Timothy McDonald,	103	7	Ireland,	Greenfield,	Widower.

DIVORCES IN MASSACHUSETTS.

1899.

Imprisonment, .	6	Fem.,.	6	5	1	6	-	-	2	-	2	-	1	1	87	14.50
Impotency, .	4	{ Males, Fem.,.	3	3	-	-	-	3	1	1	1	-	-	-	31	+10.33
Intoxication, .	258	{ Males, Fem.,.	58 200	50 193	8 7	32 143	- 1	26 56	-	-	20 43	12 61	3 17	1 5	2,630	10.19
Non-support, .	50	Fem.,.	50	44	6	27	1	22	-	-	14	16	3	1	479	9.58
Nullity of marriage,	19	{ Males, Fem.,.	10 9	8 9	2 -	4 5	-	6 4	1 1	-	8 4	-	-	-	63	+3.71
Totals,||	1,784	{ Males, Fem.,.	593 1,191	513 1,103	80 88	335 828	7 4	251 359	2 1	-	124 216	181 387	71 124	18 32	19,639	\$11.04

* Aggregate and average of 195 cases. † Aggregate and average of 3 cases. ‡ Aggregate and average of 17 cases. § Aggregate and average of 1,779 cases.
 || Two cases transferred from Hampden to Worcester; one case from Hampshire to Hampden; one case from Suffolk to Hampshire; one case from Suffolk to Middlesex; one case from Suffolk to Plymouth; thirteen cases probate appeals; eight cases placed on file; one libel for affirmation; one petition for alimony; one petition for custody of child and one petition to revise.

DIVORCES, 1899 — Continued.

(Number of libels pending Jan. 1, 1899 (including all cases, whether decrees nisi had been entered or not), 19
“ “ pending Jan. 1, 1899, in which decrees nisi had been entered at that date, 9
“ “ filed during the year 1899, 13
“ “ in which decrees nisi were entered during the year 1899, 8
Number of cases in which nisi decrees have been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1899, 11
Number of cases finally determined in 1899, 13)

BARNSTABLE CO.,

CAUSES.	LIBELLANTS.		Not con- tested.	DIVORCE.			NUMBER OF YEARS MARRIED.									
	No.	SEX.		Con- tested.	Granted.	Refused.	Discon- tinued or Dis- missed.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Aggre- gate.	Aver- age.
Adultery, . . .	2	Males,	1	1	1	—	—	—	1	—	1	—	—	—	15	7·50
Cruel and abusive treatment, . . .	3	Fem., .	2	1	2	1	—	—	1	1	1	—	—	—	*11	5·50
		{ Males, Fem., .	3 4	1 —	4 4	— —	— —	— —	— —	1 1	3 1	— 1	— —	— —	95	11·87
Totals, . . .	13	{ Males, Fem., .	4 6	2 1	5 6	— 1	— 1	— —	1 1	2 2	4 1	— 1	— —	— —	†121	10·08

* Aggregate and average of 2 cases.

† Aggregate and average of 12 cases.

(Number of libels pending Jan. 1, 1899 (including all cases, whether decrees *nisi* had been entered or not), 75
 " " pending Jan. 1, 1899, in which decrees *nisi* had been entered at that date, 33
 " " filed during the year 1899, 42
 " " in which decrees *nisi* were entered during the year 1899, 31
 Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally
 disposed of during the year 1899, 39
 Number of cases finally determined in 1899, 45)

BERKSHIRE CO.,

CAUSES.	LIBELLANTS.		Not con- tested.	Con- tested.	DIVORCE.			NUMBER OF YEARS MARRIED.								
	No.	SEX.			Granted.	Refused.	Discon- tinued or Dis- missed.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Aggre- gate.	Aver- age.
Adultery,	9	{ Males, Fem., .	7 2	- -	6 2	- -	1 -	- -	1 -	4 1	2 1	- -	- -	69	7·67	
Cruel and abusive treatment,	8	{ Males, Fem., .	1 7	- -	1 7	- -	- -	- -	1 -	- 4	- 1	- 1	- -	72	9·00	
Desertion,	17	{ Males, Fem., .	7 10	1 1	6 8	- -	1 2	- -	4 -	2 3	1 1	- 2	- -	130	7·65	
Intoxication,	9	Fem., .	7	2	9	-	-	-	2	2	5	-	-	77	8·56	
Non-support,	1	Fem., .	1	-	1	-	-	-	-	-	-	-	1	36	36·00	
Nullity of marriage,	1	Fem., .	1	-	1	-	-	-	-	1	-	-	-	1	1·00	
Totals,	45	{ Males, Fem., .	15 30	1 3	13 28	- -	2 2	- -	6 7	6 11	3 8	- 3	- 1	385	8·56	

Non-support, . . .	2	Fem., .	2	2	1	1	1	1	1	1	18	9.00
Nullity of marriage,	1	Males,	1	1	-	-	-	-	-	-	-	-
Totals, . . .	100	{ Males, Fem., }	21 79	17 77	4 2	15 63	6 16	1 -	3 9	1 1	+1,173	11.85

* District attorney notified in 1 case.

† Aggregate and average of 99 cases.

DUKES CO.,	{	Number of libels pending Jan. 1, 1899 (including all cases, whether decrees nisi had been entered or not),	.	.	.	.	.	.	4
	{	“ “ pending Jan. 1, 1899, in which decrees nisi had been entered at that date,	.	.	.	.	.	.	-
	{	“ “ filed during the year 1899,	.	.	.	.	.	.	5
	{	“ “ in which decrees nisi were entered during the year 1899,	.	.	.	.	.	.	1
	{	Number of cases in which nisi decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1899,	.	.	.	.	.	.	-
	{	Number of cases finally determined in 1899,	.	.	.	.	.	.	None.

DIVORCES, 1899 — Continued.

(Number of libels pending Jan. 1, 1899 (including all cases, whether decrees nisi had been entered or not),	175
“ “ “ pending Jan. 1, 1899, in which decrees nisi had been entered at that date,	72
“ “ “ filed during the year 1899,	266
“ “ “ in which decrees nisi were entered during the year 1899,	188
Number of cases in which nisi decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1899,	166
(Number of cases finally determined in 1899,	183

ESSEX CO.,

CAUSES.	LIBELLANTS.		Not con- tested.	DIVORCE.			NUMBER OF YEARS MARRIED.							Aver- age.		
	No.	SEX.		Con- tested.	Granted.	Refused.	Discon- tinued or Dis- missed.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30		Over 30	Aggre- gate.
Adultery,	39	{ Males, Fem.,	23 16	19 11	4 5	19 14	- -	4 2	- -	6 -	10 6	4 9	3 1	- -	388	9.95
Cruel and abusive treatment,	29	{ Males, Fem.,	3 26	- 18	3 8	1 24	- -	2 2	- -	1 3	1 11	1 8	- 3	- -	*282	10.07
Desertion,	90	{ Males, Fem.,	34 56	29 53	5 3	32 54	- -	2 2	- -	- 6	11 19	15 26	4 5	- -	1,160	12.89
Extreme cruelty,	2	Fem.,	2	1	1	2	-	-	-	-	-	1	-	1	49	24.50
Intoxication,	20	{ Males, Fem.,	1 19	1 18	- 1	1 19	- -	- -	- -	- 1	- 13	1 4	- -	- 1	206	10.30
Non-support,	3	Fem.,	3	2	1	3	-	-	-	-	1	2	-	-	33	11.00
Totals,	183	{ Males, Fem.,	61 122	49 103	12 19	53 116	- -	8 6	- -	7 10	22 50	21 50	7 9	4 2	+2,118	11.64

* Aggregate and average of 28 cases.

† Aggregate and average of 182 cases.

(Number of libels pending Jan. 1, 1899 (including all cases, whether decrees nisi had been entered or not), 44
 " " pending Jan. 1, 1899, in which decrees nisi had been entered at that date, 23
 " " filed during the year 1899, 27
 " " in which decrees nisi were entered during the year 1899, 18
 Number of cases in which nisi decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1899, 15
 Number of cases finally determined in 1899, 15)

FRANKLIN CO.,

CAUSES.	LIBELLANTS.		Not con- tested.	Con- tested.	DIVORCE.			NUMBER OF YEARS MARRIED.								
	No.	Sex.			Granted.	Refused.	Discon- tinued or Dis- missed.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Aggre- gate.	Aver- age.
Adultery,	1	Males,	1	-	1	-	-	-	-	-	-	-	1	-	22	22.00
Cruel and abusive treatment,	4	Fem.,	4	-	3	-	1	-	-	1	-	2	-	1	61	15.25
Desertion,	6	{ Males, Fem.,	1 5	- -	1 5	- -	- -	- -	- -	- -	- -	- 4	1 1	- -	107	17.83
Extreme cruelty,	2	Fem.,	2	-	2	-	-	-	-	1	1	-	-	-	9	4.50
Intoxication,	1	Fem.,	1	-	1	-	-	-	-	-	-	1	-	-	11	11.00
Non-support,	1	Fem.,	1	-	1	-	-	-	-	-	1	-	-	-	5	5.00
Totals,	15	{ Males, Fem.,	2 13	- -	2 12	- -	1 1	- -	- -	- -	2 2	7 1	2 1	- -	215	14.33

DIVORCES, 1899 — Continued.

(Number of libels pending Jan. 1, 1899 (including all cases, whether decrees nisi had been entered or not),	156
“ “ pending Jan. 1, 1899, in which decrees nisi had been entered at that date,	40
“ “ filed during the year 1899,	98
“ “ in which decrees nisi were entered during the year 1899,	67
Number of cases in which nisi decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1899,	78
(Number of cases finally determined in 1899,	142

HAMPDEN CO.,

CAUSES.	LIBELLANTS.		Not con- tested.	Con- tested.	DIVORCE.			NUMBER OF YEARS MARRIED.								
	No.	SEX.			Granted.	Refused.	Discon- tinued or Dis- missed.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Aggre- gate.	Aver- age.
Adultery, . . .	23	{ Males, Fem., . .	15 8	2 1	6 4	- -	9 4	- -	4 -	6 3	5 3	2 2	- -	217	9.43	
Cruel and abusive treatment, . .	32	{ Males, Fem., . .	5 27	2 1	1 14	- -	4 13	- -	2 7	- 5	2 10	1 5	- -	342	10.69	
Desertion, . .	55	{ Males, Fem., . .	28 27	1 -	15 19	- -	13 8	- -	2 3	11 11	9 9	5 3	1 1	680	12.36	
Imprisonment, Impotency, . .	1 1	{ Fem., . . Males, . .	1 1	- -	1 -	- -	- 1	- 1	- -	- -	1 -	- -	- -	11	11.00	
Intoxication, . .	25	{ Males, Fem., . .	4 21	- -	2 13	- -	2 8	- -	1 5	- 4	3 9	- 3	- -	278	11.12	
Non-support, . .	3	{ Fem., . .	3	-	2	-	1	-	1	1	1	-	-	18	6.00	
Totals,* . . .	140	{ Males, Fem., . .	53 87	5 2	24 53	- -	29 34	1 -	9 16	17 24	19 33	6 13	1 1	+1,546	11.12	

* Two cases to Worcester.

† Aggregate and average of 139 cases.

(Number of libels pending Jan. 1, 1899 (including all cases, whether decrees *nisi* had been entered or not), 27
 " " pending Jan. 1, 1900, in which decrees *nisi* had been entered at that date, 9
 " " filed during the year 1899, 18
 " " in which decrees *nisi* were entered during the year 1899, 9
 Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1899, 14
 Number of cases finally determined in 1899, 21)

HAMPSHIRE CO.,

CAUSES.	LIBELLANTS.		Not con- tested.	Con- tested.	DIVORCE.			NUMBER OF YEARS MARRIED.							Aver- age.	
	No.	SEX.			Granted.	Refused.	Discon- tinued or Dis- missed.	Under 6 mos.	Under 1 year.	1 to 5	5 10	10 to 20	20 to 30	Over 30		Aggre- gate.
Adultery,	6	{ Males, Fem.,	4 2*	— 1	3 2	— —	1 —	— —	1 —	1 —	2 2	— —	— —	63	10·50	
Cruel and abusive treatment,	4	Fem.,	4	3	4	—	—	—	—	—	2	1	1	—	50	12·50
Desertion,	6	{ Males, Fem.,	4 2	3 2	2 2	— —	2 —	— —	— —	1 1	1 1	1 —	1 —	90	15·00	
Extreme cruelty,	1	Fem.,	1	—	—	—	1	—	—	1	—	—	—	1	1·00	
Intoxication,	2	Fem.,	2	1	1	—	1	—	—	—	—	2	—	30	15·00	
Non-support,	1	Fem.,	1	1	—	—	1	—	—	1	—	—	—	1	1·00	
Totals,†	20	{ Males, Fem.,	8 12	7 8	5 9	— —	3 3	— —	— —	2 3	1 3	5 1	1 —	235	11·75	

* District attorney notified in 1 case.

† One case to Hampden County.

DIVORCES, 1899 — Continued.

(Number of libels pending Jan. 1, 1899 (including all cases, whether decrees <i>nisi</i> had been entered or not),	384
" " pending Jan. 1, 1899, in which decrees <i>nisi</i> had been entered at that date,	116
" " filed during the year 1899,	294
" " In which decrees <i>nisi</i> were entered during the year 1899,	228
Number of cases in which <i>nisi</i> decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1899,	228
(Number of cases finally determined in 1899,	262

MIDDLESEX CO.,

CAUSES.	LIBELLANTS.		Not con- tested.	Con- tested.	DIVORCE.			NUMBER OF YEARS MARRIED.									
	No.	SEX.			Granted.	Refused.	Discon- tinued or Dis- missed.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Aggre- gate.	Aver- age.	
Adultery,	58	{ Males, Fem., .	35 23	8 3	28 19	3 —	4 4	— —	8 5	11 7	12 5	4 6	— —	642	11.07		
Desertion,	113	{ Males, Fem., .	40 73	4 2	36 69	1 —	3 4	— —	4 7	13 30	16 19	7 14	— 3	1,460	12.92		
Extreme cruelty,	46	{ Males, Fem., .	3 43	— 6	1 36	1 1	1 6	— —	1 8	2 14	— 16	— 3	— 2	471	10.24		
Imprisonment,	3	Fem., .	3	1	3	—	—	—	1	—	1	1	—	42	14.00		
Impotency,	1	Fem., .	1	1	—	1	—	—	—	—	—	1	—	23	23.00		

Intoxication, . . .	37	{ Males, Fem., .	7 30	4 29	3 1	7 27	— 1	— 2	— —	— —	— —	2 8	5 12	— 2	— —	385	10.41
Non-support, . . .	4	{ Fem., .	4	4	—	3	1	—	—	—	—	1	2	—	—	44	11.00
Totals, . . .	262	{ Males, Fem., .	85 177	70 163	15 14	72 157	5 4	8 16	— —	— —	— —	13 30	28 60	11 27	— 5	3,067	11.71

(Number of libels pending Jan. 1, 1899 (including all cases, whether decrees *nisi* had been entered or not), 3
“ “ pending Jan. 1, 1899, in which decrees *nisi* had been entered at that date, —
“ “ filed during the year 1899, 2
“ “ in which decrees *nisi* were entered during the year 1899, 3
Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally
disposed of during the year 1899, —
(Number of cases finally determined in 1899, None.)

NANTUCKET CO.,

DIVORCES, 1899 — Continued.

(Number of libels pending Jan. 1, 1899 (including all cases, whether decrees nisi had been entered or not), 119
" " pending Jan. 1, 1899, in which decrees nisi had been entered at that date, 25
" " filed during the year 1899, 54
" " in which decrees nisi were entered during the year 1899, 36
Number of cases in which nisi decrees had been entered (whether pending January 1, or since entered), which were finally
disposed of during the year 1899, 47
{ Number of cases finally determined in 1899, 122

NORFOLK CO.,

CAUSES.	LIBELLANTS.		Not con- tested.	Con- tested.	DIVORCE.			NUMBER OF YEARS MARRIED.							Aver- age.	
	No.	SEX.			Granted.	Refused.	Discon- tinued or Dis- missed.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30		
Adultery,	22	{ Males, Fem., .	7 3	10 12	3 4	- -	7 8	- -	- -	2 2	- -	9 6	1 2	- -	268	12·18
Cruel and abusive treatment,	16	{ Males, Fem., .	1 8	3 13	2 3	- -	3 10	- -	- -	1 5	- -	1 2	1 2	- -	176	11·00
Desertion,	60	{ Males, Fem., .	14 37	21 39	5 25	- -	16 14	- -	- -	1 3	5 10	8 19	3 7	4 -	876	14·60
Extreme cruelty,	7	{ Males, Fem., .	1 3	2 5	1 1	- -	2 4	- -	- -	- -	3 3	1 1	- -	- -	79	11·29
Intoxication,	11	{ Males, Fem., .	1 9	1 10	1 2	- -	- 8	- -	- -	- 1	4 4	1 2	- 2	2 2	162	14·73
Non-support,	6	Fem., .	3	3	1	-	5	-	-	2	1	2	1	-	66	11·00
Totals,	122	{ Males, Fem., .	24 68	37 85	9 36	- -	28 49	- -	- -	1 12	8 25	19 31	5 15	4 2	1,627	13·34

DIVORCES, 1899 — Continued.

(Number of libels pending Jan. 1, 1899 (including all cases, whether decrees nisi had been entered or not), 664
 " " pending Jan. 1, 1899, in which decrees nisi had been entered at that date, 106
 " " filed during the year 1899, 511
 " " in which decrees nisi were entered during the year 1899, 321
 Number of cases in which nisi decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1899, 316
 Number of cases finally determined in 1899, 716)

SUFFOLK CO.,

CAUSES.	LIBELLANTS.		Not con- tested.	Con- tested.	DIVORCE.			NUMBER OF YEARS MARRIED.									
	No.	SEX.			Granted.	Refused.	Discon- tinued or Dis- missed.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Aggre- gate.	Aver- age.	
Adultery,	150	{ Males, Fem., .	77 73	5 1	27 35	— —	50 38	— —	27 19	22 23	20 24	8 6	— 1	1,379	9.19		
Cruel and abusive treatment,	48	{ Males, Fem., .	2 46	— 3	— 44	— —	2 2	— —	1 11	— 19	— 14	1 2	— —	436	9.08		
Desertion,	247	{ Males, Fem., .	104 143	2 2	44 87	1 —	59 56	— —	12 11	36 46	35 64	17 16	4 6	3,098	12.54		
Extreme cruelty,	92	{ Males, Fem., .	14 78	2 3	— 7	— —	14 71	— —	5 25	4 30	4 20	1 2	— 1	716	7.78		
Imprisonment,	2	Fem., .	2	—	2	—	—	—	1	—	—	—	1	34	17.00		
Impotency,	2	Males,	2	—	—	—	2	—	1	1	—	—	—	8	4.00		

Intoxication, . . .	106	{ Males, Fem.,..	37 69	36 69	1 —	16 38	— —	21 31	— —	— —	17 22	8 14	9 26	3 7	{ — — }	937	8·84
Non-support, . . .	24	Fem.,..	24	22	2	11	—	13	—	—	8	7	8	1	—	207	8·63
Nullity of marriage,	17	{ Males, Fem.,..	9 8	7 8	2 —	4 4	— —	5 4	— —	— —	8 3	— 3	1 1	— —	{ — — }	*62	3·88
Totals,† . . .	688	{ Males, Fem.,..	245 443	233 432	12 11	91 228	1 —	153 215	— 1	— —	71 100	71 142	69 157	30 34	{ 4 9 }	†6,877	10·01

* Aggregate and average of 16 cases.

† One case to Hampshire; 1 case to Middlesex; 1 case to Plymouth; 13 probate appeals; 8 cases placed on file; 1 libel for affirmation; 1 petition for alimony; 1 petition for custody of child; 1 petition to revise.

‡ Aggregate and average of 687 cases.

DIVORCES, 1899 — Concluded.

(Number of libels pending Jan. 1, 1899 (including all cases, whether decrees nisi had been entered or not), 263
" " pending Jan. 1, 1899, in which decrees nisi had been entered at that date, 63
" " filed during the year 1899, 202
" " in which decrees nisi were entered during the year 1899, 121
Number of cases in which nisi decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1899, 109
Number of cases finally determined in 1899, 128

WORCESTER CO.,

CAUSES.	LIBELLANTS.		Not con- tested.	Con- tested.	DIVORCE.			NUMBER OF YEARS MARRIED.									
	No.	SEX.			Granted.	Refused.	Discon- tinued or Dis- missed.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Aggre- gate.	Aver- age.	
Adultery,	26	{ Males, Fem.,.	17 9	4 1	14 8	- -	3 1	- -	4 3	3 4	7 2	3 -	- -	248	9.54		
Cruel and abusive treatment,	19	Fem.,.	19	5	16	-	3	-	4	4	9	1	1	222	11.68		
Desertion,	51	{ Males, Fem.,.	18 33	1 3	15 32	- -	3 1	- -	4 3	8 10	3 13	2 3	1 4	665	13.04		
Extreme cruelty,	3	Fem.,.	3	1	2	-	1	-	1	1	-	1	-	30	10.00		
Intoxication,	25	{ Males, Fem.,.	5 20	2 -	3 18	- -	2 2	- -	1 2	1 9	3 7	- 2	- -	262	10.48		
Non-support,	4	Fem.,.	4	-	3	-	1	-	1	2	-	1	-	45	11.25		
Totals,	128	{ Males, Fem.,.	40 88	7 10	32 79	- -	8 9	- -	9 14	12 30	13 31	5 8	1 5	1,472	11.50		

MEDICAL EXAMINERS' RETURNS.

1899.

MEDICAL EXAMINERS' RETURNS.

TABLE I.—BY STATE AND COUNTIES.

Exhibiting the Number of Deaths from Accident or Negligence, Suicide, Homicide, and Other Causes in Each County, which have been Investigated during the Year 1899, under the Medical Examiner Laws.

	Percentage.	State.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
Number of deaths investigated,	100.00	2,449	27	68	244	8	298	33	181	49	426	—	116	73	625	301
HOMICIDE.																
Totals,	2.33	57	3	1	3	—	3	—	2	1	8	—	1	1	21	13
Abortion,	—	12	1	—	—	—	2	—	1	—	3	—	—	—	4	1
Infanticide,	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Weapons.																
Fire-arms,	—	31	2	—	2	—	1	—	1	1	3	—	—	1	9	11
Stabbing,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Other methods,</i>	—	13	—	1	1	—	—	—	—	—	2	—	1	—	8	—
SUICIDE.																
Totals,	13.03	319	5	11	11	1	51	1	20	4	38	—	14	10	117	36

TABLE I. — Concluded.

	Percentage.	State.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
CAUSES NOT DUE TO VIOLENCE.																
<i>Alcoholism,</i>	3.80	93	1	4	9	—	19	—	8	2	8	—	6	3	21	12
<i>Natural causes,</i>	36.99	906	11	16	142	3	105	18	92	14	176	—	41	19	160	109
<i>Causes unknown or ill-defined,</i>	2.98	73	1	1	9	—	17	1	—	6	30	—	1	1	3	3
—																
AUTOPSIES,	—	268	2	5	12	—	18	2	19	2	33	—	5	8	130	32

TABLE II.—CAUSES OF DEATHS (*investigated by the Medical Examiners*).

CLASSIFIED ARRANGEMENT,

Distinguishing by Months, by Age, and by Sex, the Number of Deaths and Causes of the Same, as returned by the Medical Examiners, for the Year

1899.

[Still-born included.]

DEATHS.		MONTHS.												AGES.													
SEX.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Under 1 week.	1 week to 1 year.	1 to 5 years.	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
		216	183	176	176	203	206	200	209	221	206	209	244	105	118	82	77	46	90	298	386	315	337	272	178	87	58
PERSONS, .	2,449	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Males, .	1,788	163	123	128	126	152	158	161	157	160	135	145	180	50	53	55	64	39	67	243	313	252	245	198	115	55	44
Females, .	661	53	60	48	50	51	48	39	52	61	71	64	64	58	65	27	13	7	23	55	73	63	92	79	63	32	11

TABLE II. — Continued.

CAUSES OF DEATH.	DEATHS.		MONTHS.												AGES.															
	SEX.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Under 1 week.	1 year to 1 year.	1 to 5 yrs.	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.		
DEATHS FROM VIOLENCE. CRIMINAL VIOLENCE. I. HOMICIDE, By weapons. — Shooting, — Other wounds: incised, crushing or otherwise, By falls and blows, By smothering and strangulation, Abortion, Infanticide, VIOLENCE (NOT CRIMINAL). II. SUICIDE, By weapons. — Fire-arms,	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .	{ Totals, . Males, . Fem., .		
	57	31	26	31	26	31	26	31	26	31	26	31	26	31	26	31	26	31	26	31	26	31	26	31	26	31	26	31	26	
	20	11	3	2	1	1	2	1	1	1	4	3	1	1	1	2	1	1	2	1	2	1	2	2	1	2	1	2	1	2
	1	9	4	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	5	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	12	3	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	319	245	74	20	15	24	28	22	20	31	20	19	18	19	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	80	75	5	7	7	6	10	9	3	3	5	10	3	7	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

VIOLENCE (NOT CRIMINAL).

TABLE II. — Continued.

CAUSES OF DEATH.	DEATHS.		MONTHS.												AGES.													
	SEX.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Under 1 week.	1 week to 1 year.	1 to 5 yrs.	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
III. ACCIDENT OR NEGLIGENCE, <i>Weapons.</i>	{ Totals, .	1,001	73	47	46	55	65	83	86	96	86	69	64	87	18	3	46	54	32	57	159	184	116	81	52	23	8	24
	{ Males, .	857	6	12	10	16	16	11	4	8	17	18	15	11	18	6	14	10	—	10	8	15	16	17	14	13	2	1
	{ Fem., .	144	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	{ Totals, .	14	2	1	2	—	1	1	—	—	1	1	3	1	—	—	—	1	1	4	2	2	2	1	—	—	—	—
	{ Males, .	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	{ Fem., .	1	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	{ Totals, .	20	2	1	1	1	1	—	2	2	4	2	1	2	—	—	—	2	1	2	6	4	1	—	3	—	—	—
	{ Males, .	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	{ Fem., .	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	{ Males, .	7	—	1	1	1	—	1	—	—	1	—	2	—	—	—	—	—	—	1	2	—	1	1	1	1	—	—
<i>Public travel.</i>	{ Totals, .	250	20	10	13	20	16	21	17	28	30	16	24	23	—	—	—	7	5	18	54	69	37	26	9	6	1	6
	{ Males, .	238	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	{ Fem., .	12	—	1	1	—	2	4	—	1	—	—	1	2	—	—	—	2	—	1	—	2	2	—	2	2	—	1
	{ Totals, .	32	2	3	—	2	1	1	2	6	3	3	3	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	{ Males, .	28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	{ Fem., .	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	{ Totals, .	34	2	1	—	4	1	4	1	3	4	5	—	4	—	—	—	7	2	—	2	5	4	4	4	—	—	—
	{ Males, .	29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	{ Fem., .	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	{ Males, .	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Burns, scalds and explosions,</i>	{ Totals, .	86	4	5	2	3	4	—	3	1	2	8	6	6	—	—	—	1	11	2	2	—	—	—	—	3	2	2
	{ Males, .	44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	{ Fem., .	42	2	2	4	5	4	3	2	2	9	4	3	2	—	—	—	2	4	5	3	1	6	4	7	2	1	—

TABLE II. — Continued.

CAUSES OF DEATH.	DEATHS.		MONTHS.												AGES.														
	Sex.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Under 1 week.	1 week to 1 year.	1 to 5 yrs.	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.	
III. ACCIDENT OR NEGLIGENCE — Con.																													
Weather agencies.																													
— Cold,			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
— Lightning,		6	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	
— Exposure, including shipwreck,		7	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	
— Electric shock,		9	1	1	1	1	1	1	1	2	1	2	2	1	1	1	1	1	1	4	4	1	1	1	1	1	1	1	
Other accidental causes,		7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
IV. CAUSES NOT DUE TO VIOLENCE.																													
1. ALCOHOLISM,		93	3	4	7	6	5	11	4	4	11	3	7	8	1	1	1	1	1	8	19	21	14	6	2	3	1	1	
		73	3	4	7	6	5	11	4	4	11	3	7	8	1	1	1	1	1	8	19	21	14	6	2	3	1	1	
		20	3	2	1	2	1	2	1	4	1	2	1	2	1	1	1	1	1	1	1	8	7	3	1	1	1	1	1
2. NATURAL CAUSES,		906	61	52	41	34	52	40	36	32	36	41	48	70	28	47	9	9	5	6	32	47	60	93	96	94	8	8	
		543	32	34	28	25	24	23	23	34	37	31	32	40	39	50	13	2	6	7	17	31	24	50	48	40	28	8	
		363	32	34	28	25	24	23	23	34	37	31	32	40	39	50	13	2	6	7	17	31	24	50	48	40	28	8	
Zymotic diseases,		38	1	1	1	1	1	1	2	1	2	1	1	2	1	3	1	1	1	1	3	1	1	1	1	1	1	1	
		15	3	2	1	1	1	1	2	1	2	1	1	2	1	3	1	1	1	1	3	1	1	1	1	1	1	1	
		23	1	3	4	1	1	5	3	2	1	1	2	2	1	4	1	1	1	1	1	1	1	1	1	1	1	1	
Constitutional diseases.		30	4	2	2	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	6	10	2	1	1	1	1	1	
— Phthisis and hemoptysis,		20	4	2	2	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	6	10	2	1	1	1	1	1	
		10	1	1	1	2	1	1	1	2	1	1	1	1	1	1	1	1	1	3	1	1	1	3	1	1	1	1	

EDITORIAL OBSERVATIONS

BY

FRANCIS A. HARRIS, M.D.

FIFTY-EIGHTH REGISTRATION REPORT.

(1899.)

The following observations upon the statistics of the Births, Marriages and Deaths registered in Massachusetts in the year 1899, together with some comments upon the statistics of Divorce and the Returns of the Medical Examiners, are intended to set forth the principal points of interest derived from a study of the figures and to furnish some comparisons between the statistics of the year 1899 and those of other years, and to render these statistics "of practical utility" within the meaning of the statute providing for the preparation of this report.

The plan pursued in this report is the same as that of the reports since 1890 in the matter of condensation and the avoidance of apparently superfluous repetition of the same matter.

Many tables published in the report for 1895 whose value is dependent upon an accurate knowledge of the number of the population, a knowledge only to be had in census years, are omitted in the report for 1899.

The editor is indebted to the work of Professor Richmond Mayo-Smith of Columbia College on Statistics and Sociology for the statistics as to births, marriages and deaths in many foreign countries which are presented in tables under their appropriate heads and which give the average rates for the period of twenty years 1871-1890 and the rates for the years 1891, 1892, 1893.

The number of births returned by the Registration Officers of Massachusetts for the year 1899 was 70,457. The number of marriages was 23,523 and of deaths 47,710, or 2,653 less births, 1,381 more marriages and 949 more deaths than were recorded in 1898.

The aggregate registration including 2,649 still-births was 144,339 which was 402 less than that of 1898.

The excess of living births over deaths was 22,747. This was less by 3,602 than the excess in 1898, but was greater than that of any other year since the beginning of registration except 1896, 1897 and 1898.

TABLE 1. — *Births, Marriages and Deaths, with the Population and Rates for Census Years 1851-1899.*

YEARS.	Population.	Births.	Marriages.	Deaths.	Excess of Births over Deaths.	Births to 1,000 Persons.	Persons Married to 1,000.	Deaths to 1,000 Persons.	Excess Rate of Births over Deaths.
1851, . . .	1,022,084	28,661	11,966	18,934	9,727	-	-	-	-
1852, . . .	1,049,654	29,802	11,578	18,482	11,320	-	-	-	-
1853, . . .	1,077,224	30,920	12,828	20,301	10,619	-	-	-	-
1854, . . .	1,104,794	31,997	13,683	21,414	10,583	-	-	-	-
1855, . . .	1,132,364	32,845	12,329	20,798	12,047	29·01	21·77	18·37	10·64
1856, . . .	1,152,105	34,445	12,265	20,734	13,711	-	-	-	-
1857, . . .	1,171,846	35,320	11,739	21,280	14,040	-	-	-	-
1858, . . .	1,191,586	34,491	10,527	20,776	13,715	-	-	-	-
1859, . . .	1,211,327	35,442	11,475	20,976	14,466	-	-	-	-
1860, . . .	1,231,067	36,051	12,404	23,068	12,983	29·28	20·15	18·74	10·54
1861, . . .	1,238,260	35,445	10,972	24,085	11,360	-	-	-	-
1862, . . .	1,245,463	32,275	11,014	22,974	9,301	-	-	-	-
1863, . . .	1,252,646	30,314	10,873	27,751	2,563	-	-	-	-
1864, . . .	1,259,839	30,449	12,513	28,753	1,696	-	-	-	-
1865, . . .	1,267,031	30,249	13,051	26,152	4,097	23·87	20·60	20·64	3·23
1866, . . .	1,305,095	34,085	14,428	23,637	10,448	-	-	-	-
1867, . . .	1,343,159	35,062	14,451	22,773	12,289	-	-	-	-
1868, . . .	1,381,223	36,193	13,856	25,603	10,590	-	-	-	-
1869, . . .	1,419,287	36,141	14,826	26,054	10,087	-	-	-	-
1870, . . .	1,457,351	38,259	14,721	27,329	10,930	26·25	20·20	18·75	7·50
1871, . . .	1,496,263	39,791	15,746	27,943	11,848	-	-	-	-
1872, . . .	1,535,175	43,235	16,142	35,019	8,216	-	-	-	-
1873, . . .	1,574,087	44,481	16,437	33,912	10,569	-	-	-	-
1874, . . .	1,612,999	45,631	15,564	31,887	13,744	-	-	-	-
1875, . . .	1,651,912	43,996	13,663	34,978	9,018	26·63	16·54	21·17	5·46
1876, . . .	1,678,147	42,149	12,749	33,186	8,963	-	-	-	-
1877, . . .	1,704,382	41,850	12,758	31,342	10,508	-	-	-	-
1878, . . .	1,730,616	41,238	12,893	31,303	9,935	-	-	-	-
1879, . . .	1,756,851	40,295	13,802	31,801	8,494	-	-	-	-
1880, . . .	1,783,085	44,217	15,538	35,292	8,925	24·80	17·42	19·79	5·01
1881, . . .	1,814,896	45,220	16,768	36,458	8,762	-	-	-	-
1882, . . .	1,846,707	45,670	17,684	36,785	8,885	-	-	-	-
1883, . . .	1,878,518	47,285	18,194	37,748	9,537	-	-	-	-
1884, . . .	1,910,329	48,615	17,333	36,990	11,625	-	-	-	-
1885, . . .	1,942,141	48,790	17,052	38,094	10,696	25·12	17·56	19·61	5·51
1886, . . .	2,001,501	50,788	18,018	37,244	13,544	-	-	-	-
1887, . . .	2,060,861	53,174	19,533	40,763	12,411	-	-	-	-
1888, . . .	2,120,221	54,893	19,739	42,097	12,796	-	-	-	-
1889, . . .	2,179,582	57,075	20,397	41,777	15,298	-	-	-	-
1890, . . .	2,238,943	57,777	20,838	43,528	14,249	25·81	18·62	19·44	6·37
1891, . . .	2,288,911	63,004	21,675	45,185	17,819	-	-	-	-
1892, . . .	2,339,994	65,824	22,507	48,762	17,067	-	-	-	-
1893, . . .	2,392,217	67,192	22,814	49,084	18,108	-	-	-	-
1894, . . .	2,445,605	66,936	20,619	46,791	20,145	-	-	-	-
1895, . . .	2,500,183	67,545	23,102	47,540	20,005	27·02	18·48	19·01	8·00
1896, . . .	2,555,987	72,343	23,651	49,331	22,962	-	-	-	-
1897, . . .	2,613,036	73,205	23,038	47,419	25,786	-	-	-	-
1898, . . .	2,671,359	73,110	22,142	46,761	26,349	-	-	-	-
1899, . . .	2,730,983	70,457	23,523	47,710	22,747	-	-	-	-

The ratios to the population for 1899 were as follows, as calculated upon the estimated number of the population in 1899, namely, 2,730,983. This estimate is based on the geometric increase between the census years of 1890-1895.

Birth-rate 25.80 to 1,000 of the population; marriage rate (marriages), 8.60; persons married, 17.20; death-rate, 17.47; excess of births over deaths, 8.33.

The same data also indicate a daily average of 193 births, 64 marriages and 131 deaths during the year 1899.

In table 1 are presented the population, the number of births, marriages and deaths, the excess of births over deaths, the birth, marriage and death rates, and the natural rate of increase of the population for a period of forty-eight years. The rates are calculated only for the census years.

Table 2 presents the number of the population of Massachusetts with the total increase by periods of five years as compared with previous census years compiled from Provincial, United States and State Census Reports.

TABLE 2. — *Population of Massachusetts showing Increase as compared with Previous Census Years (1765-1895), compiled from Provincial, United States and State Census Reports.**

YEARS.	Population.	Increase (+) or Decrease (—) as com- pared with Previous Census.
1765 (Prov.),	239,764	—
1776 (Prov.),	299,841	+ 60,077
1790 (U. S.),	378,787	+ 78,946
1800 (U. S.),	422,845	+ 44,058
1810 (U. S.),	472,040	+ 49,195
1820 (U. S.),	523,287	+ 51,247
1830 (U. S.),	610,408	+ 87,121
1840 (U. S.),	737,700	+ 127,292
1850 (U. S.),	994,514	+ 256,814
1855 (State),	1,132,369	+ 137,855
1860 (U. S.),	1,231,066	+ 98,697
1865 (State),	1,267,031	+ 35,965
1870 (U. S.),	1,457,351	+ 190,320
1875 (State),	1,651,912	+ 194,561
1880 (U. S.),	1,783,085	+ 131,173
1885 (State),	1,942,141	+ 159,056
1890 (U. S.),	2,238,943	+ 296,802
1895 (State),	2,500,183	+ 261,240

* Census of Massachusetts, Part 2, 1895, p. 216.

BIRTHS.

The number of births registered in 1899 was 70,457, which was greater than that of any year since the beginning of registration in Massachusetts except the years 1896, 1897 and 1898.

The rate for living births as calculated from the number of the population, which number is estimated as 2,730,983 (25·80) was less than that of the years 1851–1862, 1870, 1875 and 1888–1899, but greater than that of any other year since the beginning of registration except 1887, when the rate was the same, and is less than that of any five-year period since 1851 except those of 1861–1865 and 1881–1885.

The number of births and still-births for a period of twenty years 1880–1899 is presented in the following table (and in table 4 the birth-rates for forty-nine years and for forty-five years in groups of five-year periods).

TABLE 3. — *Births for Twenty Years.*

YEARS.	Born Alive.	Still-Born.	Totals.	YEARS.	Born Alive.	Still-Born.	Totals.
1880, .	44,217	1,297	45,514	1890, .	57,777	2,099	59,876
1881, .	45,220	1,466	46,686	1891, .	63,004	2,222	65,226
1882, .	45,670	1,485	47,155	1892, .	65,824	2,293	68,117
1883, .	47,285	1,589	48,874	1893, .	67,192	2,444	69,636
1884, .	48,615	1,628	50,243	1894, .	66,936	2,353	69,289
1885, .	48,790	1,589	50,379	1895, .	67,545	2,367	69,912
1886, .	50,788	1,796	52,584	1896, .	72,343	2,615	74,958
1887, .	53,174	1,794	54,968	1897, .	73,205	2,652	75,857
1888, .	54,893	1,943	56,836	1898, .	73,110	2,728	75,838
1889, .	57,075	2,021	59,096	1899, .	70,457	2,649	73,106

The birth-rate for 1899, including still-births, was 26·77, or 0·97 for still-births as compared with 28·39 and 1·00 in 1898.

TABLE 4. — *Showing Birth-rates, 1851-1899.*

YEARS.	Births to 1,000 of Population.		YEARS.	Births to 1,000 of Population.	
1851, . . .	28·04	} 28·63	1876, . . .	25·12	} 24·29
1852, . . .	28·39		1877, . . .	24·55	
1853, . . .	28·70		1878, . . .	23·83	
1854, . . .	28·96		1879, . . .	22·94	
1855, . . .	29·01		1880, . . .	24·80	
1856, . . .	29·89	} 29·50	1881, . . .	24·91	} 25·08
1857, . . .	30·14		1882, . . .	24·73	
1858, . . .	28·95		1883, . . .	25·17	
1859, . . .	29·26		1884, . . .	25·45	
1860, . . .	29·28		1885, . . .	25·12	
1861, . . .	28·62	} 25·34	1886, . . .	25·37	} 25·82
1862, . . .	25·91		1887, . . .	25·80	
1863, . . .	24·20		1888, . . .	25·89	
1864, . . .	24·17		1889, . . .	26·19	
1865, . . .	23·87		1890, . . .	25·81	
1866, . . .	26·12	} 26·02	1891, . . .	27·53	} 27·62
1867, . . .	26·11		1892, . . .	28·13	
1868, . . .	26·21		1893, . . .	28·09	
1869, . . .	25·46		1894, . . .	27·37	
1870, . . .	26·25		1895, . . .	27·02	
1871, . . .	26·60	} 27·58	1896, . . .	28·30	
1872, . . .	28·16		1897, . . .	28·01	
1873, . . .	28·26		1898, . . .	27·37	
1874, . . .	28·29		1899, . . .	25·80	
1875, . . .	26·63				

In Table 5 are presented the birth-rates for Massachusetts and several foreign countries. This table gives the average rates for the period of twenty years (1871-1890) and the rates for the years 1891, 1892 and 1893. For the data of this table credit, as previously stated, is due to the work of Dr. Richmond Mayo-Smith, Ph.D., of Columbia College, on Statistics and Sociology.

TABLE 5. — *Comparative Birth-rates.*

COUNTRIES.	AVERAGE.			
	1871-90.	1891.	1892.	1893.
Massachusetts,	25·71	27·53	28·13	28·09
Hungary, 1876-1890, . .	44·0	42·3	40·3	42·5
Austria,	38·6	38·1	36·2	—
Germany,	38·1	37·0	35·7	36·7
Italy,	37·3	37·3	36·3	36·6
Holland,	35·2	33·7	32·0	33·8
England and Wales, . .	34·0	31·4	30·5	30·8
Scotland,	33·6	31·2	30·8	31·0
United Kingdom, . . .	32·6	30·4	29·5	29·9
Denmark,	31·7	31·0	29·5	30·6
Belgium,	31·0	29·6	28·9	29·5
Norway,	30·7	30·9	29·6	30·7
Sweden,	29·8	28·3	27·0	—
Switzerland,	29·4	28·3	28·1	28·5
Ireland,	24·9	23·1	22·4	23·0
France,	24·6	22·6	22·1	—

In table 6 are presented the number of births by counties for a period of twenty-nine years and the birth-rates of census years. In this table the births of each county for any given year and the birth-rate for any census year may be compared with those of other counties and with those of the State for the same year, and also with the births of the same county in other years as well as the birth-rates of the counties in census years.

This table shows a considerable uniformity in the birth-rates of the different counties when the birth-rates for counties are compared for different census years, while compared with each other the birth-rates present considerable variations, Essex county having the highest rate and Nantucket, Barnstable and Dukes the lowest in the last census year, 1895.

As compared with the births for 1898 there was an increase in Plymouth county and a decrease in all the rest.

TABLE 6. — *Births, 1870-1899, and Birth-rates in Census Years 1865-1895, by Counties.*

	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.	Whole State.
Population, 1865,	34,610	56,944	89,395	4,200	171,034	31,340	64,570	39,269	220,384	4,748	116,306	68,107	208,212	162,912	1,267,031
" 1870,	32,744	64,827	102,886	3,787	200,843	32,635	78,409	44,388	274,353	4,123	89,443	65,365	270,802	192,716	1,457,351
" 1875,	32,144	68,270	131,087	4,071	223,342	33,696	94,304	44,821	284,112	3,201	88,321	69,362	364,886	210,295	1,651,912
" 1880,	31,897	69,032	139,040	4,300	244,535	36,001	104,142	47,232	317,830	3,727	96,507	74,018	387,927	226,897	1,783,085
" 1885,	29,845	73,828	158,498	4,135	263,727	37,449	116,764	48,472	357,311	3,142	102,142	81,680	421,109	244,039	1,942,141
" 1890,	29,172	81,108	186,465	4,369	299,995	38,610	135,713	51,859	431,167	3,268	118,950	92,700	484,780	280,787	2,238,943
<i>Birth-rates,</i>	<i>22.3</i>	<i>23.6</i>	<i>22.1</i>	<i>20.7</i>	<i>21.8</i>	<i>18.2</i>	<i>24.2</i>	<i>21.1</i>	<i>24.4</i>	<i>10.1</i>	<i>24.8</i>	<i>20.9</i>	<i>27.5</i>	<i>24.5</i>	<i>23.9</i>
Living births, 1865,	669	1,616	2,682	51	4,772	644	1,969	1,019	7,444	48	2,256	1,463	8,614	5,012	38,259
<i>Birth-rates,</i>	<i>20.4</i>	<i>24.9</i>	<i>26.1</i>	<i>13.4</i>	<i>23.7</i>	<i>19.7</i>	<i>25.1</i>	<i>22.9</i>	<i>27.1</i>	<i>11.6</i>	<i>25.2</i>	<i>22.4</i>	<i>31.8</i>	<i>26.0</i>	<i>26.2</i>
Living births, 1870,	709	1,784	2,766	57	5,114	658	2,235	993	7,289	51	2,316	1,464	9,006	5,349	39,791
" 1875,	669	1,637	3,156	64	6,158	674	2,321	1,095	8,261	56	2,416	1,452	9,761	5,515	43,235
" 1880,	615	1,653	3,328	56	5,686	733	2,527	1,111	8,605	55	2,517	1,549	10,254	5,792	44,481
" 1885,	705	1,688	3,252	52	5,820	735	2,618	1,048	7,994	60	2,173	1,521	12,271	5,694	45,631
" 1890,	659	1,678	3,440	65	5,722	673	2,635	1,035	7,247	57	2,276	1,469	11,582	5,458	43,996
<i>Birth-rates,</i>	<i>20.5</i>	<i>24.6</i>	<i>26.2</i>	<i>15.9</i>	<i>25.6</i>	<i>20.0</i>	<i>27.9</i>	<i>21.3</i>	<i>25.5</i>	<i>17.8</i>	<i>25.8</i>	<i>21.2</i>	<i>31.7</i>	<i>26.4</i>	<i>26.6</i>
Living births, 1875,	608	1,537	3,220	46	5,216	635	2,443	978	7,140	77	2,024	1,455	11,324	5,451	42,149
" 1880,	607	1,537	3,177	64	5,370	660	2,359	944	7,379	64	2,032	1,459	11,070	5,098	41,850
" 1885,	578	1,508	3,171	54	5,369	617	2,273	894	7,264	69	2,039	1,338	10,715	5,349	41,238
" 1890,	542	1,527	2,852	34	5,086	637	2,374	946	7,052	59	2,004	1,301	10,742	5,139	40,295
" 1895,	505	1,606	3,560	62	5,815	649	2,645	972	8,030	56	2,074	1,346	11,148	5,749	44,217
<i>Birth-rates,</i>	<i>15.8</i>	<i>23.3</i>	<i>25.6</i>	<i>14.4</i>	<i>23.8</i>	<i>18.0</i>	<i>25.4</i>	<i>20.6</i>	<i>25.3</i>	<i>15.0</i>	<i>21.4</i>	<i>18.2</i>	<i>28.8</i>	<i>25.4</i>	<i>24.8</i>
Living births, 1880,	485	1,664	4,093	41	5,864	682	2,585	1,005	8,067	60	2,141	1,450	11,124	5,959	45,220
" 1885,	506	1,698	3,799	51	5,927	736	2,756	923	8,087	47	2,229	1,500	11,617	5,794	45,670
" 1890,	508	1,947	4,051	57	6,036	729	2,067	969	8,127	64	2,222	1,445	11,908	6,155	47,285
" 1895,	504	2,005	4,181	45	6,058	709	3,496	979	8,564	57	2,267	1,488	12,063	6,198	48,615
" 1899,	518	1,901	4,190	66	6,070	747	3,482	954	8,843	36	2,329	1,528	12,092	6,034	48,790

TABLE 6. — *Births, 1870-1899, and Birth-rates in Census Years 1865-1895, by Counties — Concluded.*

	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hamden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.	Whole State.	
<i>Birth-rates,</i> Living births,	1885, 1886, 1887, 1888, 1889, 1890,	17-4 489 501 547 539 488	25-7 1,948 2,025 2,159 2,139 2,135	26-4 4,460 4,597 4,854 4,826 4,958	15-96 75 67 55 68 79	23-0 6,535 6,861 6,884 7,073 7,104	19-9 756 798 740 828 760	29-8 3,517 3,645 3,858 4,038 4,136	19-7 1,101 1,062 1,069 1,092 1,084	24-7 9,046 9,926 10,105 10,925 11,149	11-46 36 55 46 52 50	22-8 2,322 2,430 2,487 2,778 2,710	18-7 1,553 1,595 1,667 1,736 1,758	28-7 12,596 12,776 13,334 13,525 14,046	24-7 6,454 6,836 7,088 7,356 7,320	25-1 50,788 53,174 54,893 57,075 57,777
<i>Birth-rates,</i> Living births,	1891, 1892, 1893, 1894, 1895,	16-38 530 546 516 536	26-32 2,179 2,083 2,283 2,248	26-58 5,436 5,924 6,200 6,163	18-08 56 71 73 86	23-68 7,804 7,784 8,392 8,177	19-68 813 898 908 912	30-47 4,611 4,708 4,864 4,589	20-90 1,126 1,229 1,194 1,194	25-85 12,347 12,879 13,197 13,246	15-30 52 50 55 55	22-78 2,947 2,956 3,132 3,105	18-96 1,905 1,946 2,144 1,976	28-98 15,227 16,542 15,538 16,408	26-07 7,971 8,208 8,696 8,237	25-81 63,004 65,824 67,192 66,936
<i>Birth-rates,</i> Living births,	1896, 1897, 1898, 1899,	18-80 494 482 517	25-41 2,285 2,474 2,350	28-14 7,280 8,092 8,608	20-29 66 61 82	34-74 8,746 8,560 8,433	20-75 901 865 838	31-98 4,998 5,179 5,191	21-68 1,298 1,246 1,254	27-04 14,135 14,015 13,737	18-24 61 44 51	23-34 3,238 3,229 3,345	20-34 2,217 2,104 2,142	31-06 17,779 18,167 17,798	26-54 8,845 8,687 8,764	27-02 72,343 73,205 73,110
Ratio of population to number of fam- ilies (1875), . . .	3-86	4-82	4-59	3-59	4-45	4-28	4-72	4-67	4-68	3-41	4-53	4-24	4-84	4-55	4-60	
Ratio of population to number of fam- ilies (1885), . . .	3-58	4-69	4-55	3-39	4-45	4-25	4-67	4-59	4-70	3-06	4-52	4-12	4-84	4-50	4-58	
Ratio of population to number of fam- ilies (1895), . . .	3-42	4-59	4-59	3-24	4-44	4-17	4-66	4-66	4-64	3-07	4-54	4-09	4-78	4-55	4-57	

Seasons of the Year. — In tables 7 and 8 is shown the relation of the birth-rate to the seasons of the year; in the former table the data of 1899 are compared with those of 1898, by months and quarters, and in the latter the number of births in each month for a period of twenty years is presented.

TABLE 7. — *Births and Birth-rates by Months and Quarters, 1898-1899.*

	Births registered in Each Month.		Births registered in Each Quarter.		Monthly Percentage of Births.		Quarterly Percentage of Births.	
	1898.	1899.	1898.	1899.	1898.	1899.	1898.	1899.
January, .	6,081	6,087	18,304	17,576	{ 8·3	8·6	{ 25·0	24·9
February, .	5,878	5,417			{ 8·0	7·7		
March, .	6,345	6,072			{ 8·7	8·6		
April, . .	5,701	5,423	17,709	16,483	{ 7·8	7·7	{ 24·3	23·4
May, . .	5,987	5,497			{ 8·2	7·8		
June, . .	6,021	5,563			{ 8·2	7·9		
July, . .	6,267	6,169	18,844	18,529	{ 8·6	8·8	{ 25·8	26·3
August, .	6,475	6,351			{ 8·9	8·9		
September, .	6,102	6,009			{ 8·3	8·6		
October, .	6,169	5,851	18,253	17,869	{ 8·4	8·3	{ 24·9	25·4
November, .	5,905	5,853			{ 8·1	8·3		
December, .	6,179	6,165			{ 8·5	8·8		
The Year,	73,110	70,457	73,110	70,457	100·0	100·0	100·0	100·0

The largest number of births in a single month in 1899 occurred in August and in the third quarter of the year, and the least number occurred in February and in the second quarter.

TABLE 8. — *Living Births. — By Months, Quarters and Periods of Six Months. — Twenty Years.*

YEARS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1880, . . .	3,372	3,369	3,579	3,521	3,708	3,642	3,840	3,921	3,845	3,845	3,791	3,779
1881, . . .	3,641	3,475	3,703	3,567	3,713	3,595	3,949	4,263	3,856	3,827	3,783	3,843
1882, . . .	3,651	3,449	3,808	3,721	3,516	3,614	3,942	4,162	3,970	4,084	3,784	3,966
1883, . . .	3,654	3,465	3,869	3,574	3,662	3,861	4,204	4,323	4,241	4,326	4,033	4,067
1884, . . .	2,887	3,812	4,003	3,819	3,959	3,992	4,192	4,293	4,189	4,173	4,008	4,288
1885, . . .	3,965	3,821	4,104	3,836	4,001	3,840	4,219	4,461	4,246	4,194	3,992	4,106
1886, . . .	4,060	3,803	4,273	3,876	3,951	4,033	4,491	4,569	4,555	4,578	4,209	4,389
1887, . . .	4,263	4,070	4,430	4,167	4,306	4,337	4,682	4,884	4,598	4,563	4,450	4,424
1888, . . .	4,476	4,145	4,532	4,010	4,336	4,670	5,032	4,963	4,855	4,665	4,440	4,769
1889, . . .	4,564	4,276	4,774	4,621	4,546	4,635	5,070	5,174	4,944	4,858	4,712	4,901
1890, . . .	4,947	4,488	4,891	4,436	4,757	4,645	5,147	5,270	4,559	4,569	4,730	5,338
1891, . . .	5,347	4,905	5,448	4,812	5,002	5,119	5,585	5,581	5,388	5,251	5,232	5,334
1892, . . .	5,426	5,043	5,438	5,220	5,342	5,129	5,895	5,833	5,590	5,330	5,576	5,990
1893, . . .	5,611	5,107	5,549	5,391	5,163	5,457	6,095	6,173	5,638	5,716	5,519	5,767
1894, . . .	5,500	4,978	5,681	5,529	5,472	5,506	5,999	5,794	5,458	5,530	5,579	5,907
1895,* . . .	5,803	5,269	5,441	5,033	5,467	5,466	5,927	6,034	5,846	5,891	5,461	5,903
1896,* . . .	4,342	5,543	6,016	5,902	5,952	5,840	6,229	6,551	6,206	6,123	5,943	6,176
1897, . . .	6,265	5,634	6,388	5,705	5,665	5,693	6,356	6,708	6,238	6,330	6,915	6,208
1898, . . .	6,081	5,878	6,345	5,701	5,987	6,021	6,267	6,475	6,102	6,169	5,905	6,179
1899, . . .	6,087	5,417	6,072	5,423	5,497	5,563	6,169	6,351	6,009	5,851	5,853	6,165
Average, .	4,697	4,497	4,917	4,593	4,700	4,733	5,185	5,289	5,127	4,994	4,981	5,075
Quarters, .	16,111			14,026			15,601			15,050		
Half-years, .	30,137						30,651					

* The deaths from unspecified dates are excluded.

For the period of twenty years (1880–1899) 50·4 per cent. of the births occurred in the last half of the years of the period, 26·5 per cent. in the first quarter, 23·1 per cent. in the second quarter, 25·6 per cent. in the third quarter and 24·8 per cent. in the last quarter.

The largest average number of births for the period of twenty years occurred in the month of August, and the order of the remaining months was as follows: July, September, December, October, November, March, June, May, January, April and February.

TABLE 9. — *Births. — Ratio of Males to Females. — Ten Years.*

		1898.	1899.	Ten Years. 1890-1899.
Born alive,	{ Males, . .	37,389	36,199	347,563
	{ Females, . .	35,694	34,258	329,476
	{ Not stated, . .	27	—	351
Males to 100 females, . .		104·7	105·7	105·5
Still-born,	{ Males, . .	1,680	1,593	14,183
	{ Females, . .	1,033	1,034	9,036
	{ Not stated, . .	15	22	632
Males to 100 females, . .		162·6	154·1	156·9

In table 9 are presented the statistics in regard to the sex of children born alive which appear to show that the ratio of males to females, exclusive of the cases where the sex was not stated, was in 1899, 105·7 as compared with 104·7 in 1898, 106·2 in 1897, 105·9 in 1896, 105·2 in 1895, 105·4 in 1894 and 105·5 for the ten year period 1890-1899.

From the same table it appears that the ratio of males to females among the still-born in 1899 was 154·1 as compared with 162·6 in 1898, 162·8 in 1897, 166·8 in 1896, 159·5 in 1895 and 156·9 for the ten year period.

In table 10 are presented the statistics relative to the parentage of children born alive in Massachusetts in 1899 together with those relating to plural births.

The excess of children born of foreign parents over those of native parentage in 1899 was 11,829, which was greater by 212 than the excess of the same class in 1898. It was also greater than that of any other year since the beginning of registration.

The number of children born of mixed parentage was 13,604, which was less by 301 than the number of this class in 1898 and less than that of any year since 1891.

There was an increase in the number of children born of mixed parentage in Barnstable, Essex, Franklin, Middlesex, Plymouth and Norfolk counties and a decrease in all the rest.

In table 11 the percentages of native and foreign-born children are given for the series of years, 1890-1899, by which it appears that the percentage of native-born children has de-

creased with considerable uniformity during the decade, and it is also true, as shown by examination of previous reports, if a longer period of years is taken into account.

The percentage of children of foreign-born parents, as demonstrated by the statistics of former reports, was greater than that of any previous year.

The percentage of children born of mixed parentage was less than that of any other year in the decade 1890-1899, except 1897 and 1898.

TABLE 10. — *Parentage of the Children born alive in the Several Counties of Massachusetts during the Year 1899.*

	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
Aggregates,	70,457	470	2,190	7,762	59	8,097	800	5,117	1,210	13,360	38	3,295	2,194	17,294	8,571
Both parents native-born,	22,409	280	1,061	1,654	31	2,855	438	1,556	505	4,193	27	1,251	1,120	4,568	2,870
Both parents foreign-born,	34,238	105	694	4,701	22	3,534	236	2,591	476	6,261	3	1,346	651	9,624	3,994
Native-born father and foreign-born mother,	7,139	43	212	700	3	901	63	514	120	1,503	6	371	224	1,635	844
Foreign-born father and native-born mother,	6,465	40	220	698	3	796	62	455	109	1,288	2	318	194	1,422	858
Not stated,	206	3	3	9	—	11	1	1	—	115	—	9	5	45	5

PLURALITY CASES (Included above).

Totals,	{ Aggregates, Males, . . Females, . .	1,539	10	62	182	—	178	14	112	32	—	84	53	371	208	
		775	6	28	90	—	92	5	66	10	119	—	37	32	196	94
		764	4	34	92	—	86	9	46	22	114	—	47	21	175	114

TABLE 11. — *Percentage* of Children of Native and Foreign-born Parents in 1899 and in each of the Previous Nine Years.*

YEARS.	PARENTS.			Births with Parentage not reported.
	Native-born.	Foreign-born.	One Foreign-born.	
1890,	34·82	44·10	21·08	272
1891,	34·03	44·84	21·13	352
1892,	33·34	45·73	20·93	443
1893,	32·57	47·00	20·43	287
1894,	32·58	46·51	20·91	270
1895,	32·45	46·98	20·57	219
1896,	31·65	47·49	20·86	263
1897,	32·60	48·30	19·10	207
1898,	32·35	48·24	19·02	276
1899,	31·81	48·59	19·31	206

* Excluding births with parentage not reported.

TABLE 12. — *Number of Births during each of the Twenty Years 1880-1899, exhibiting the Sex and Parentage.*

	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.
Totals,	44,217	45,220	45,670	47,285	48,615	48,790	50,788	53,174	54,893	57,075
Males,	22,667	23,014	23,281	24,388	24,941	25,053	25,959	27,245	28,156	29,017
Females,	21,396	22,069	22,292	22,875	23,658	23,716	24,822	25,915	26,726	28,042
Unknown,	154	137	97	22	16	21	7	14	11	16
PARENTAGE.										
Native,	18,130	18,218	18,565	18,412	18,734	18,822	19,531	20,207	20,078	20,260
Foreign,	17,651	18,169	18,012	19,188	19,750	19,733	20,758	22,781	22,990	24,760
Native father and foreign mother,	3,141	3,267	3,462	3,771	4,058	4,295	4,518	4,853	5,771	5,913
Foreign father and native mother,	4,044	4,119	4,150	4,398	4,613	4,577	4,781	5,025	5,784	5,850
Not stated,	1,251	1,447	1,451	1,516	1,460	1,363	1,200	308	270	292

	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
Totals,	57,777	63,004	65,824	67,192	66,936	67,545	72,343	73,205	73,110	70,457
Males,	29,521	32,532	33,758	34,328	34,338	34,623	37,186	37,689	37,389	36,199
Females,	28,227	30,434	31,951	32,829	32,575	32,905	35,114	35,489	35,694	34,258
Unknown,	26	38	115	35	23	17	43	27	27	-
PARENTAGE.										
Native,	20,023	21,325	21,800	21,788	21,718	21,851	22,810	23,824	23,656	22,409
Foreign,	25,361	28,097	29,895	31,448	31,008	31,628	34,237	35,256	35,273	34,238
Native father and foreign mother,	6,160	6,685	6,919	7,003	7,107	7,026	7,792	7,152	7,308	7,139
Foreign father and native mother,	5,961	6,545	6,767	6,666	6,833	6,821	7,241	6,766	6,597	6,465
Not stated,	272	352	443	287	270	219	263	207	276	206

Number of Births, etc. — Concluded.

In table 12 are given the statistics as to the number of births for twenty years (1880–1899) with the parentage, and from this table it appears that the number born of mixed parentage in 1899 was 13,604, which was less by 301 than the number of the same class born in 1898 and was less than that of any other year in the period since 1891.

Plural births.—In 1899, 1,539 children were born of 759 mothers. Of this number, 1,512 were twins and 27 were triplets. The number of offspring of plural births in 1899 was greater than that of any of the previous twenty years except 1897.

TABLE 13. — *Plural Births. — Twenty Years.*

YEARS.	Cases of Twins.	Cases of Triplets.	No. of Living Births to one Case of Twins.	No. of Living Births to one Case of Triplets.
1880,	381	3	116	14,739
1881,	389	9	116	5,024
1882,	417	5	109	9,134
1883,	394	5	120	9,457
1884,	432	5	113	9,723
1885,	376	4	130	12,197
1886,	453	5	112	10,158
1887,	451	6	118	8,849
1888,	434	2	125	27,446
1889,	547	3	104	19,025
1890,	502	4	115	14,444
1891,	618	7	102	9,000
1892,	572	8	115	8,228
1893,	610	9	110	7,466
1894,	646	8	103	8,367
1895,	736	9	92	7,505
1896,	719	10	100	7,234
1897,	768	3	95	24,402
1898,	706	3	104	24,370
1899,	756	9	93	7,828
Totals,	10,907	117	2,192	244,596
Averages,	545.32	5.85	109.6	12229.8

In table 13 are presented data in regard to plural births for twenty years (1880–1899) showing the number of cases of twins and of triplets with the ratio of living births to one case of twins, and also the number of living births to one case of triplets.

The tables relating to illegitimate births are again omitted for the reasons set forth in the report for 1895.

MARRIAGES.

The number of marriages registered in Massachusetts in 1899 was 23,523, which was 1,381 more than the number registered in 1898 and 485 more than that of 1897 and was greater than that of any previous year since the beginning of registration except 1896. The number of persons married for each thousand of the estimated population was 17·20 and the number of marriages to each thousand was 8·60.

There was one person married to every 58·0 of the population as compared with one in each 60·3 in 1898, 56·7 in 1897, 54·0 in 1896 and 52·8 in 1895.

TABLE 14. — *Marriage-rates, — 1851-1899 (49 Years).*

YEARS.	Marriages.	Persons Married to 1,000 Living.	Number Living to One Marriage.	YEARS.	Marriages.	Persons Married to 1,000 Living.	Number Living to One Marriage.
1851, .	11,966	23·42	85	1876, .	12,749	15·18	132
1852, .	11,578	22·06	91	1877, .	12,758	14·96	134
1853, .	12,828	23·82	84	1878, .	12,893	14·90	134
1854, .	13,683	24·76	81	1879, .	13,802	15·70	127
1855, .	12,329	21·77	92	1880, .	15,538	17·42	114
1856, .	12,265	21·30	94	1881, .	16,768	18·48	109
1857, .	11,739	20·04	100	1882, .	17,684	19·12	104
1858, .	10,527	17·66	113	1883, .	18,194	19·36	103
1859, .	11,475	18·94	106	1884, .	17,333	18·12	110
1860, .	12,404	20·15	99	1885, .	17,052	17·56	114
1861, .	10,972	17·72	113	1886, .	18,018	18·00	111
1862, .	11,014	17·68	113	1887, .	19,533	18·90	105
1863, .	10,873	17·36	115	1888, .	19,739	18·62	107
1864, .	12,513	19·86	101	1889, .	20,397	18·72	107
1865, .	13,051	20·60	97	1890, .	20,838	18·62	107
1866, .	14,428	22·10	90	1891, .	21,675	18·94	106
1867, .	14,451	21·52	93	1892, .	22,507	19·24	104
1868, .	13,856	20·06	99	1893, .	22,814	19·07	105
1869, .	14,826	20·89	96	1894, .	20,619	16·86	108
1870, .	14,721	20·20	99	1895, .	23,102	18·48	108
1871, .	15,746	21·04	95	1896, .	23,651	18·51	108
1872, .	16,142	21·02	95	1897, .	23,038	17·64	113
1873, .	16,437	20·88	96	1898, .	22,142	16·58	121
1874, .	15,564	19·30	103	1899, .	23,523	17·23	116
1875, .	13,663	16·54	121				

In table 14 are presented the number of marriages, persons married in each thousand of the population, and the number

living to one marriage for the period of forty-nine years 1851–1899.

The marriage rate for 1899 as calculated from the estimated number of the population was $\cdot 88$ less than the average rate for the decade 1890–1899, and $\cdot 10$ greater than the average rate of the census years for the past forty-five years.

Table 15 presents the number of marriages in each county for each year in the period of ten years (1890–1899) together with the marriage rates (number of marriages to each 1,000 living) for the census years 1880, 1885, 1890, 1895.

TABLE 15. — *Marriages by Counties, 1890-1899, and Marriages to 1,000 Living, 1880, 1885, 1890, 1895.*

	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1880.	1885.	1890.	1895.
THE STATE, .	20,838	21,675	22,507	22,814	20,619	23,102	23,651	23,038	22,142	23,523	8·71	8·78	9·31	9·24
Barnstable, .	245	245	221	209	214	207	192	198	178	218	7·02	9·34	8·39	7·49
Berkshire, .	613	605	625	613	562	642	628	663	638	606	7·20	7·30	7·56	7·44
Bristol, .	1,885	1,850	2,045	2,089	1,825	2,185	2,377	2,350	2,114	2,358	8·35	9·12	10·11	9·98
Dukes, .	39	33	38	39	27	38	41	35	31	17	8·83	11·85	9·27	8·97
Essex, .	2,773	2,905	2,899	3,108	2,691	3,025	2,911	2,700	2,626	2,801	9·68	9·21	9·24	9·16
Franklin, .	285	310	331	335	284	278	303	291	288	288	8·50	7·53	7·38	6·92
Hampden, .	1,198	1,388	1,479	1,401	1,270	1,436	1,503	1,551	1,449	1,480	9·29	9·24	8·82	9·39
Hampshire, .	421	448	438	410	414	457	449	376	382	462	8·11	7·38	8·13	8·35
Middlesex, .	3,836	4,083	4,259	4,373	3,721	4,289	4,157	4,132	3,919	4,247	8·38	8·55	8·90	8·59
Nantucket, .	18	16	28	21	16	25	15	22	12	13	7·25	5·72	5·50	8·29
Norfolk, .	937	944	956	976	830	908	952	880	909	982	7·23	6·94	7·88	6·73
Plymouth, .	803	798	804	840	717	742	790	733	781	797	7·89	7·98	8·66	7·31
Suffolk, .	5,297	5,574	5,708	5,745	5,809	6,324	6,655	6,444	6,275	6,576	9·63	10·18	10·92	11·72
Worcester, .	2,488	2,476	2,676	2,655	2,239	2,546	2,678	2,663	2,540	2,678	8·33	7·05	8·85	8·31

TABLE 16. — *Marriages and Marriage-rates, by Months and Quarters, 1898–1899.*

MONTHS.	Marriages registered in each Month.		Marriages registered in each Quarter.		Monthly Percentage of Marriages.		Quarterly Percentage of Marriages.	
	1898.	1899.	1898.	1899.	1898.	1899.	1898.	1899.
January, .	1,807	1,713	} 4,357	3,963	8·16	7·28	} 19·68	16·85
February, .	1,623	1,383			7·33	5·88		
March, .	927	867			4·19	3·69		
April, .	2,038	2,338	} 6,346	6,906	9·20	9·94	} 28·66	29·36
May, .	1,461	1,536			6·60	6·53		
June, .	2,847	3,032			12·86	12·89		
July, .	1,442	1,610	} 4,884	5,386	6·51	6·84	} 22·06	22·90
August, .	1,477	1,529			6·67	6·51		
September, .	1,965	2,247			8·88	9·55		
October, .	2,544	2,797	} 6,555	7,268	11·49	11·89	} 29·60	30·89
November, .	2,491	2,825			11·25	12·01		
December, .	1,520	1,646			6·86	6·99		
The four quarters, }	22,142	23,523	22,142	23,523	100·00	100·00	100·00	100·00

TABLE 17. — *Marriages given Quarterly for Ten Years.*

YEARS.	1ST QUARTER.		2D QUARTER.		3D QUARTER.		4TH QUARTER.	
	Nos.	Percent-ages.	Nos.	Percent-ages.	Nos.	Percent-ages.	Nos.	Percent-ages.
1890, . . .	3,852	18·48	5,746	27·58	4,984	23·92	6,256	30·02
1891, . . .	4,154	19·17	5,762	26·58	5,107	23·56	6,652	30·69
1892*, . . .	4,389	19·50	6,138	27·28	5,269	23·42	6,706	29·80
1893,† . . .	4,591	20·13	6,862	30·10	5,201	22·81	6,146	26·96
1894, . . .	3,775	18·31	5,705	27·67	4,842	23·48	6,297	30·54
1895, . . .	4,284	18·55	6,187	26·78	5,523	23·90	7,108	30·77
1896, . . .	4,434	18·75	6,956	28·99	5,561	23·52	6,800	28·74
1897, . . .	4,489	19·49	6,497	28·20	5,331	23·14	6,721	29·17
1898, . . .	4,357	19·68	6,346	28·66	4,884	22·06	6,555	29·60
1899, . . .	3,963	16·85	7,906	29·36	5,386	22·90	7,268	30·89
Average, .	4,229	18·99	6,411	27·12	5,209	23·47	6,651	29·72

* Five marriages are excluded as the dates are unknown.

† Fourteen marriages are excluded as the dates are unknown.

TABLE 18. — *Ages at Marriage of 23,523 Men and of 23,523 Women in 1899.*

	Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	Over 80.	Unknown.
Men,	374	7,642	8,038	3,579	1,750	891	489	297	224	110	74	33	16	6	—
Women,	3,370	10,090	5,813	2,122	1,090	484	300	126	69	34	19	6	—	—	—
<i>Ages at Marriage of 20,509 Bachelors and of 21,233 Maids.</i>															
Bachelors,	374	7,598	7,697	3,058	1,137	409	156	43	25	10	2	—	—	—	—
Maids,	3,359	9,910	5,358	1,636	612	217	85	37	12	4	2	1	—	—	—
<i>Ages at Marriage of 3,014 Widowers and of 2,290 Widows.</i>															
Widowers,	—	44	341	521	613	482	333	254	199	100	72	33	16	6	—
Widows,	11	180	455	486	478	267	215	89	57	30	17	5	—	—	—

The approximate average age of 23,523 men married in 1899 was 29.19
 " " of 23,523 women married in 1899 was 25.56
 " " of 20,509 men marrying for the first time in 1899 was 27.34
 " " of 21,233 women marrying for the first time in 1899 was 24.38

In table 18 is presented a summary of the number of persons married at different ages. These are classified by sexes, and by their conjugal condition before marriage. The approximate average of each class is also given.

The number of men married in 1899 under twenty years of age was 1·6 per cent. of the whole number of men married whose ages were known, which was .1 less than the percentage of the same class in 1899; and the number of women married who were under twenty years of age was 14·3 of the whole number married whose ages were known as compared with 15·0 per cent. in 1898 and 15·2 per cent. in 1897.

The number of men who were married between the ages of twenty and twenty-five was 32·5 per cent. of the whole number, and the number of women married at the same age was 42·9 per cent. as compared with 33·6 for the men and 43·3 per cent. for the women in 1898. The number of men who married between twenty-five and thirty was 34·2 of the whole number and the number of women was 24·7 per cent. of the whole number as compared with 33·6 per cent. for men and 24·2 for women in 1898.

Seven hundred and sixty men and 254 women married after having attained the age of fifty years; 22 men were over seventy-five years of age at the time of marriage and six men were over eighty.

TABLE 19. — *Average Ages at Marriage, 1880–1899.*

YEARS.	Average Age of all Bridegrooms.	Average Age of all Brides.	Average Age of Men Marrying for the First Time.	Average Age of Women Marrying for the First Time.
1879, . . .	28·2	25·2	26·7	23·9
1880, . . .	28·9	25·1	26·5	23·8
1881, . . .	23·8	25·1	26·5	23·9
1882, . . .	29·2	25·4	26·5	23·9
1883, . . .	28·8	25·3	26·6	23·4
1884, . . .	29·1	25·1	26·6	24·1
1885, . . .	29·2	25·3	26·8	24·2
1886, . . .	28·9	25·3	26·9	24·2
1887, . . .	29·0	25·5	26·8	24·4
1888, . . .	28·9	25·5	26·8	24·4
1889, . . .	29·1	25·8	26·9	24·5

TABLE 19. — *Average Ages at Marriage, 1880-1899 — Concluded.*

YEARS.	Average Age of all Bridegrooms.	Average Age of all Brides.	Average Age of Men Marrying for the First Time.	Average Age of Women Marrying for the First Time.
1890, . . .	28·8	25·5	27·2	24·3
1891, . . .	28·6	25·4	26·8	24·2
1892, . . .	28·8	25·4	26·7	24·3
1893, . . .	28·8	25·5	26·9	24·4
1894, . . .	29·1	25·0	26·9	23·7
1895, . . .	28·9	23·2	26·7	24·4
1896, . . .	29·1	25·6	27·1	24·4
1897, . . .	29·1	24·8	27·1	24·5
1898, . . .	29·2	25·7	27·4	24·4
1899, . . .	29·2	25·6	27·3	24·3

In table 19 are presented the average ages at marriage of all persons of both sexes for a period of twenty years, and of persons married for the first time for the same period. The average age of women marrying for the first time was .2 of one per cent. less than in 1897 and .1 of one per cent. less than in any year since 1894.

TABLE 20. — *Persons Married who were less than Twenty Years Old.*

AGES.	NUMBERS.	
	Males.	Females.
14 years,	—	6
15 “	—	28
16 “	—	139
17 “	9	414
18 “	102	1,264
19 “	263	1,519
Totals,	374	3,370

Table 20 presents the number of persons married in 1899 who were under twenty years of age.

TABLE 21. — *Conjugal Condition of Persons Married, 1899.*

MALES.	Whole No. of Marriages.	FEMALES.					
		First Marriage.	Second Marriage.	Third Marriage.	Fourth Marriage.	Fifth Marriage.	Un- known.
Whole number,	23,523	21,233	2,192	95	3	—	—
First marriage,	20,509	19,285	1,196	28	—	—	—
Second marriage,	2,773	1,839	889	43	2	—	—
Third marriage,	219	100	96	23	—	—	—
Fourth marriage,	20	8	11	1	—	—	—
Fifth marriage,	2	1	—	—	1	—	—
Unknown,	—	—	—	—	—	—	—

In table 21 is given a statement of the number of persons who were married in 1899, with reference to their conjugal condition; the essential data of this table have already been commented on, and repetition is deemed unnecessary.

TABLE 22. — *Marriages according to Nativity. — Percentages for Twenty Years.*

YEARS.	Both Parties Native Born.	Both Parties Foreign Born.	Native-born Groom and Foreign-born Bride.	Foreign-born Groom and Native-born Bride.	Not stated.
1880,	60·15	21·77	8·97	9·09	·02
1881,	58·12	23·36	9·97	8·52	·03
1882,	55·74	25·56	9·86	8·81	·03
1883,	54·98	26·13	9·99	8·85	·05
1884,	52·89	27·37	10·84	8·88	·02
1885,	53·21	26·55	11·04	9·17	·03
1886,	51·46	27·90	11·18	9·43	·02
1887,	49·85	29·02	11·55	9·56	·02
1888,	48·03	30·61	11·64	9·67	·04
1889,	46·94	31·47	12·11	9·47	·01
1890,	46·11	31·50	11·97	10·35	·01
1891,	45·87	32·37	11·58	10·15	·04
1892,	44·57	33·98	11·37	10·08	—
1893,	43·96	34·49	11·55	9·97	·03
1894,	44·44	33·64	11·68	10·24	—
1895,	44·55	33·29	11·79	10·36	·01
1896,	43·97	33·48	11·97	10·55	·03
1897,	43·63	33·88	12·08	10·38	·03
1898,	43·58	33·32	12·31	10·77	·02
1899,	43·79	32·87	12·53	10·79	·02

In table 22 are presented the percentages for a period of twenty years, 1880-1899, of marriages with reference to the nativity of groom and bride. By this table it appears that there has been in the percentage of the native born a general decrease up to 1899. The percentages of the foreign born on the other hand show a general increase with a few exceptions varied inversely with the former. In the class of marriages of persons of mixed parentage there has been an increase with considerable uniformity in the whole period.

TABLE 23. — *Marriages per 1,000 of Population.*

	AVERAGE.			
	1871-90.	1891.	1892.	1893.
Massachusetts,	18·12	18·9	19·2	19·0
Hungary (15 years),	19·1	17·2	18·4	18·6
Prussia,	16·7	16·3	16·1	16·1
German Empire,	16·4	16·1	15·9	15·8
Austria,	16·3	15·4	15·6	—
England and Wales,	15·6	15·6	15·4	14·7
Italy,	15·6	15·0	15·0	14·7
France,	15·4	15·0	15·2	—
Denmark,	15·2	13·6	13·6	14·1
Holland,	15·1	14·2	14·4	14·6
Switzerland,	14·7	14·4	14·8	14·7
United Kingdom,	14·4	14·6	14·5	13·9
Belgium,	14·2	14·8	15·4	15·2
Scotland,	13·9	13·9	14·1	13·2
Norway,	13·7	13·2	12·7	12·8
Sweden,	13·1	11·7	11·4	—
Ireland,	9·0	9·2	9·3	9·4

In table 23 are presented the marriage rates of various foreign countries and of Massachusetts for the years 1891-2-3, together with the average for the twenty years 1871-1890. For this table the editor is indebted to the work before mentioned of Prof. Mayo-Smith of Columbia College.

DIVORCES.

The causes for which divorce from the bonds of matrimony may be granted in Massachusetts as set forth in the Public Statutes are as follows : —

1. Adultery.
2. Impotency.
3. Sentence to imprisonment at hard labor for five years or more.
4. Desertion for three consecutive years next prior to the filing of the libel.
5. Separation without consent, and union with a religious sect or society holding the relation of husband and wife unlawful.
6. Extreme cruelty.
7. Gross and confirmed habits of intoxication.
8. Cruel and abusive treatment.
9. Neglect to provide.
10. Gross and confirmed drunkenness from opium or other drugs.

A marriage may be declared void in consequence of violation of the provisions of the laws concerning marriage; that is, a separation may be granted because of the demonstration of conditions obtaining at the time of, or previous to the alleged marriage which show that there never was a legal marriage. It appears that no separation for such cause was decreed till 1886 when one such divorce was granted to a male in Worcester county.

For at least a quarter of a century no divorces have been granted on the ground of union with a religious sect holding the relation of husband and wife unlawful.

The causes for which divorces were granted in Massachusetts in 1899, were as follows : —

- | | |
|---------------------------------|-------------------------|
| 1. Adultery. | 5. Imprisonment. |
| 2. Cruel and abusive treatment. | 6. Intoxication. |
| 3. Desertion. | 7. Neglect to provide. |
| 4. Extreme cruelty. | 8. Nullity of marriage. |

It appears that in the year 1899 the whole number of divorces granted was 1,163 which is 19 less than the whole number

granted in the year 1898, but 40 more than the number granted in 1897; and it further appears by reference to former reports that the total number of divorces granted in 1899 is greater by 178 than the average number granted in the ten year period 1890–1899.

Causes.—Of the whole number of divorces granted in 1899, 219, or 18·8 per cent., were granted on the ground of adultery, as compared with 20·6 per cent. in 1898, and 18·2 per cent. in 1897, while for the ten year period 1890–1899 the average percentage was 19·7. The percentage of divorces granted on the ground of desertion (total 532) was in 1899, 45·74. In 1898 the percentage was 42·30 and in 1897 45·77 while for the ten year period it was 46·89. Although refusal to cohabit is mentioned in the statutes as a cause for divorce it must be accompanied with alliance with a religious sect holding the relation of husband and wife unlawful. The single case of libel brought on the ground of refusal to cohabit alleged that this refusal was cruelty, but the court held that it was not the kind of cruelty on which a divorce could be granted, and as previously stated, there is no case reported where the ground alleged was alliance with a religious sect holding the marital relation unlawful.

On pages 148–163 may be found the statistics relating to divorces in Massachusetts for the period of ten years ending with 1899. The number for each county is specified for each year of the period, the sexes in favor of which they were granted, and the causes for which they were granted.

During the period embraced in the tables (1890–1899) 10,046 divorces were granted, a total greater by 407 than the number granted in the ten years ending in 1898.

Sex.—Of the whole number granted in the ten year period 7,022, or 69·89 per cent., were granted on complaint of the wife.

Of the divorces granted on the ground of adultery, 999 or 51·4 per cent. were decreed to the wife; of those on account of desertion, 63·19 per cent.; of those on account of intoxication, 82·74 per cent.; of those on account of extreme cruelty, 98·41 per cent.; of those on account of cruel and abusive

treatment, 97·01 per cent. ; and of those on account of neglect to provide, 100 per cent.

Causes.—Of the whole number of divorces granted in the period of ten years ending with 1899, 1,985 or 19·8 per cent., were granted on account of adultery ; 4,711 or 46·9 per cent., on account of desertion ; 1,298 or 12·92 per cent., on account of intoxication ; 439 or 4·4 per cent., on account of extreme cruelty ; 1,170 or 11·6 per cent., on account of cruel and abusive treatment ; and 314 or 3·1 per cent., on account of neglect to provide.

Counties.—The percentages of divorce granted on account of adultery as compared with the total number decreed in each county, are as follows for the ten years ending in 1899, beginning with the county having the highest percentage.

Bristol,	24·2	Plymouth,	17·4
Suffolk,	22·4	Worcester,	17·0
Middlesex,	20·8	Berkshire,	14·9
Barnstable,	19·5	Hampden,	14·9
Essex,	19·2	Norfolk,	13·9
Hampshire,	18·3	Dukes and Nantucket,	3·2
Franklin,	17·8		

For desertion the percentages are as follows : —

Barnstable,	59·7	Middlesex,	47·8
Norfolk,	55·2	Worcester,	46·1
Essex,	53·4	Dukes and Nantucket,	45·2
Plymouth,	50·2	Suffolk,	44·7
Franklin,	49·0	Hampden,	43·6
Hampshire,	48·6	Bristol,	39·8
Berkshire,	47·8		

For intoxication the percentages are as follows : —

Hampden,	20·3	Suffolk,	12·3
Dukes and Nantucket,	16·1	Middlesex,	12·2
Bristol,	15·8	Franklin,	10·8
Worcester,	15·8	Plymouth,	10·2
Berkshire,	14·5	Essex,	9·3
Hampshire,	13·4	Barnstable,	8·4
Norfolk,	13·2		

For extreme cruelty the percentages are as follows:—

Middlesex,	12·3	Bristol,	3·2
Dukes and Nantucket,	9·7	Essex,	3·1
Barnstable,	4·7	Franklin,	2·5
Berkshire,	3·8	Suffolk,	2·4
Hampden,	3·7	Norfolk,	2·2
Plymouth,	3·7	Worcester,	2·2
Hampshire,	3·5		

In table 24 are presented the ratios of divorces to marriages in each year for the period of ten years ending with 1899. The ratio for the entire period was one to 22·3.

The highest ratio was in 1894, one to 18·6, and the lowest one to 31·9 in 1890.

For the year 1899 it was one to 17·2 which was the highest ratio of any year in the whole period except 1894, 1897 and 1898.

The average marriage rate for the ten years (1890–1899) was 18·12 per 1,000 of the population. For the ten years 1880–1889 it was 18·43 which shows an increase in the decade 1890–1899 of ·31 per 1,000 of the population.

Comparing the same periods with reference to the ratio of divorces to marriages, it appears that there was from one to 32·7 in the former period to one in 22·3 in the latter.

TABLE 24. — *Ratio of Divorces to Marriages. — Ten Years.*

YEARS.	Number of Marriages.	Marriage-rates per 1,000.	Number of Divorces.	Ratio of Divorces to Marriages.
1890,	20,838	18·62	654	1 to 31·9
1891,	21,675	*19·01	798	1 to 27·1
1892,	22,507	*19·24	790	1 to 28·5
1893,	22,814	*19·07	1,045	1 to 21·8
1894,	20,619	*16·86	1,107	1 to 18·6
1895,	23,102	18·48	954	1 to 24·2
1896,	23,651	*18·51	1,230	1 to 19·2
1897,	23,038	*17·64	1,123	1 to 20·6
1898,	22,142	*16·58	1,182	1 to 18·7
1899,	23,523	*17·20	1,163	1 to 20·2
Totals and averages,	223,909	18·12	10,046	1 to 22·3

* Estimated.

TABLE 25. — *Ratio of Total Number of Divorces to Total Number of Marriages by Counties and Causes. — Ten Years, 1890-1899.*

COUNTIES.	ADULTERY.		DESERTION.		INTOXICATION.		EXTREME CRUELTY.		ALL OTHER CAUSES.	
	Number of Divorces.	Ratio of Divorces to Marriages.	Number of Divorces.	Ratio of Divorces to Marriages.	Number of Divorces.	Ratio of Divorces to Marriages.	Number of Divorces.	Ratio of Divorces to Marriages.	Number of Divorces.	Ratio of Divorces to Marriages.
Barnstable,	21	1 to 101.3	64	1 to 33.2	9	1 to 236.3	5	1 to 425.4	18	1 to 118.0
Berkshire,	51	1 to 121.5	164	1 to 37.8	50	1 to 123.9	13	1 to 276.6	65	1 to 93.8
Bristol,	176	1 to 119.7	290	1 to 72.7	115	1 to 183.3	23	1 to 916.5	124	1 to 169.9
Dukes and Nantucket,	1	1 to 524.0	14	1 to 37.4	5	1 to 104.8	3	1 to 174.7	8	1 to 65.5
Essex,	28,437	1 to 98.8	793	1 to 35.9	140	1 to 200.3	48	1 to 592.5	242	1 to 118.4
Franklin,	2,993	1 to 106.9	77	1 to 38.9	17	1 to 176.0	4	1 to 748.2	30	1 to 96.5
Hampden,	14,155	1 to 152.2	271	1 to 52.2	126	1 to 112.3	23	1 to 615.5	109	1 to 129.9
Hampshire,	4,257	1 to 163.8	69	1 to 61.7	19	1 to 224.0	5	1 to 851.4	22	1 to 193.5
Middlesex,	45,016	1 to 137.2	738	1 to 60.9	193	1 to 233.2	195	1 to 233.9	122	1 to 269.0
Norfolk,	9,274	1 to 210.7	175	1 to 53.0	42	1 to 220.8	7	1 to 1324.9	49	1 to 189.3
Plymouth,	7,805	1 to 91.8	245	1 to 31.9	50	1 to 156.1	18	1 to 433.6	90	1 to 86.7
Suffolk,	60,407	1 to 91.8	1,316	1 to 45.9	362	1 to 166.9	71	1 to 850.8	532	1 to 113.5
Worcester,	25,639	1 to 140.1	495	1 to 51.8	170	1 to 150.8	24	1 to 106.8	202	1 to 126.9
The State,	1,985	1 to 114.9	4,711	1 to 48.4	1,298	1 to 175.5	439	1 to 519.2	1,613	1 to 141.3

TABLE 26. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*
THE STATE.

YEARS.	ADULTERY.		DESERTION.		INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			IMPRISONMENT.		IMPO- TENCY.		NULLITY OF MAR- RIAGE.		TOTALS.					
	Males.	Females.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.					
1890, .	67	69	136	199	335	14	74	88	17	17	—	56	56	11	11	—	3	3	1	1	3	4	7	220	434	654		
1891, .	69	71	140	236	389	16	93	109	39	39	3	91	94	18	18	—	2	2	1	1	1	4	5	243	555	799		
1892, .	86	80	166	376	542	21	83	104	18	18	4	82	86	29	29	—	4	4	—	1	1	3	6	246	544	790		
1893, .	106	113	219	307	526	22	118	140	25	26	1	133	134	16	16	16	1	4	5	1	1	3	6	325	720	1,045		
1894, .	104	117	221	339	560	26	128	154	2	56	58	4	114	118	32	32	—	4	4	—	—	3	6	9	311	796	1,107	
1895, .	90	93	183	298	481	13	88	101	3	64	67	2	88	90	30	30	—	1	1	1	1	4	8	288	666	954		
1896, .	121	133	254	361	615	24	130	154	—	65	65	6	118	124	39	39	1	5	6	—	—	2	3	5	376	854	1,230	
1897, .	95	109	204	329	533	24	99	123	2	59	61	5	142	147	54	54	—	3	3	1	2	3	7	14	319	804	1,123	
1898, .	130	113	243	309	552	32	118	150	—	30	30	7	177	184	58	58	—	6	6	—	5	5	1	5	361	821	1,182	
1899, .	118	101	219	177	355	32	143	175	1	57	58	3	134	137	27	27	—	6	6	—	—	4	5	9	335	828	1,163	
Totals,	986	999	1,985	1,734	2,977	224	1,074	1,298	9	430	439	35	1,135	1,170	314	314	2	38	40	3	11	14	31	44	75	3,024	7,022	10,046

TABLE 27. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*
BARNSTABLE COUNTY.

YEARS.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			TOTALS.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1890,	2	2	4	3	1	4	-	2	2	2	2	-	-	-	-	-	1	1	5	9	14
1891,	-	1	1	4	-	4	-	1	1	-	-	-	-	-	-	-	1	1	4	3	7
1892,	1	1	2	5	2	7	-	1	1	-	-	-	-	-	-	-	-	-	6	4	10
1893,	1	-	1	3	5	8	-	-	-	-	-	-	1	1	1	-	-	-	4	6	10
1894,	-	1	1	3	3	6	-	-	-	-	-	-	-	3	3	-	-	-	3	7	10
1895,	4	-	4	2	4	6	-	-	-	1	1	-	-	3	3	-	-	-	6	8	14
1896,	1	-	1	4	1	5	1	1	2	-	-	1	4	4	5	-	-	-	7	6	13
1897,	3	-	3	2	4	6	-	1	1	1	1	-	-	-	-	-	-	-	5	6	11
1898,	1	2	3	6	4	10	-	2	2	1	1	-	2	2	2	-	-	-	7	11	18
1899,	1	-	1	4	4	8	-	-	-	-	-	-	2	2	2	-	-	-	5	4	9
Totals,	14	7	21	36	28	64	1	8	9	5	5	1	15	16	16	-	2	2	52	66	118

TABLE 28. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*
 BERKSHIRE COUNTY.

YEARS.	ADULTERY.			DESEDITION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			IMPRISONMENT.			IMPOTENCY.			TOTALS.		
	Males.		Both Sexes.	Males.		Females.	Both Sexes.	Males.		Females.	Both Sexes.	Males.		Females.	Both Sexes.	Males.		Females.	Both Sexes.	Males.		Females.	Both Sexes.	Males.		Females.	Both Sexes.
1890,	.	—	4	10	4	14	—	5	5	1	1	—	3	3	8	—	1	1	—	—	—	—	10	18	28		
1891,	.	1	4	7	7	14	—	5	5	2	2	—	4	4	4	—	1	1	—	—	—	—	8	23	31		
1892,	.	—	2	4	6	10	—	2	2	2	2	—	4	4	4	—	—	—	—	—	—	—	4	16	20		
1893,	.	3	3	9	10	19	—	4	4	1	1	—	1	7	8	—	1	1	—	—	—	—	14	25	39		
1894,	.	3	1	7	8	15	—	3	3	3	3	—	1	1	1	—	1	1	—	—	—	—	10	17	27		
1895,	.	3	3	11	10	21	—	4	4	2	2	—	4	4	4	—	1	1	—	—	—	—	14	24	38		
1896,	.	4	2	8	18	26	—	4	4	—	—	—	7	7	7	—	1	1	—	—	—	—	12	32	44		
1897,	.	2	—	8	8	16	1	5	6	1	1	—	8	8	8	—	—	—	—	—	—	—	11	22	33		
1898,	.	4	4	7	8	15	—	8	8	1	1	—	10	10	10	—	—	—	—	—	—	—	11	31	42		
1899,	.	6	2	6	8	14	—	9	9	—	—	—	1	7	8	—	1	1	—	—	—	—	13	28	41		
Totals,	.	26	25	77	87	164	1	49	50	1	12	13	2	55	57	—	7	7	—	—	—	—	107	236	343		

TABLE 29. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*

BRISTOL COUNTY.

YEARS.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			IMPRISONMENT.			IMPOTENCY.			NULLITY OF MARRIAGE.			TOTALS.			
	Both Sexes.			Both Sexes.			Both Sexes.			Both Sexes.			Both Sexes.			Both Sexes.			Both Sexes.			Both Sexes.			Both Sexes.			Both Sexes.			
	Males.	Females.		Males.	Females.		Males.	Females.		Males.	Females.		Males.	Females.		Males.	Females.		Males.	Females.		Males.	Females.		Males.	Females.		Males.	Females.		
1890,	4	14	18	11	12	23	1	5	6	-	-	-	2	2	-	-	1	1	-	-	-	-	-	-	-	-	16	34	50		
1891,	6	5	11	6	12	18	1	-	1	-	7	7	-	4	4	-	3	3	-	-	-	1	1	-	-	-	13	32	45		
1892,	9	4	13	7	16	23	2	9	11	-	4	4	-	1	1	-	-	-	-	-	-	-	-	-	-	-	18	34	52		
1893,	7	8	15	13	15	28	1	10	11	-	1	1	-	10	10	-	1	1	-	1	1	-	-	-	-	1	21	47	68		
1894,	13	10	23	14	15	29	6	14	20	-	2	2	-	11	11	-	4	4	-	-	-	-	-	-	-	1	34	56	90		
1895,	6	4	10	7	31	38	4	8	12	-	2	2	-	10	10	-	1	1	-	1	1	-	-	-	-	1	18	57	75		
1896,	15	10	25	12	19	31	2	13	15	-	-	-	1	12	13	-	4	4	-	-	-	-	-	-	-	1	31	59	90		
1897,	8	11	19	12	25	37	-	14	14	-	2	2	-	15	15	-	3	3	-	-	-	-	-	-	-	2	22	70	92		
1898,	15	9	24	6	19	25	6	8	14	-	1	1	-	18	18	-	4	4	-	-	-	1	1	-	-	1	27	61	88		
1899,	7	11	18	7	31	38	1	10	11	-	4	4	-	6	6	-	1	1	-	-	-	-	-	-	-	-	15	63	78		
Totals,	90	86	176	95	195	290	24	91	115	-	23	23	1	89	90	-	22	22	-	2	2	-	2	2	-	5	3	8	215	513	728

TABLE 30. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*
 DUKES AND NANTUCKET COUNTIES.

YEARS.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			TOTALS.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1890,	-	-	-	1	-	1	-	-	-	-	1	1	-	-	-	-	-	-	1	1	2
1891,	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2
1892,	-	-	-	1	-	1	-	1	1	-	-	-	-	2	2	-	-	-	1	3	4
1893,	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
1894,	-	-	-	1	-	1	-	2	2	-	-	-	-	1	1	-	-	-	1	3	4
1895,	-	-	-	4	1	5	-	1	1	-	-	-	-	2	2	-	-	-	4	4	8
1896,	-	-	-	1	-	1	-	-	-	-	1	1	-	1	1	-	-	-	1	2	3
1897,	-	1	1	-	1	1	-	-	-	-	-	-	-	1	1	-	-	-	-	3	3
1898,	-	-	-	-	1	1	-	1	1	-	1	1	-	1	1	-	-	-	-	4	4
1899,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals,	-	1	1	10	4	14	-	5	5	-	3	3	-	8	8	-	-	-	10	21	31

TABLE 31. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*

ESSEX COUNTY.

YEARS.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			IMPRISONMENT.			IMPOTENCY.			TOTALS.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.			
1890, .	12	13	25	24	35	59	5	12	17	4	4	9	9	9	1	1	1	1	1	1	1	1	1	41	74	115	
1891, .	11	5	16	18	34	52	2	7	9	6	6	18	19	19	1	1	1	1	1	1	1	1	1	32	70	102	
1892, .	9	17	26	16	39	55	2	13	15	5	5	16	16	16	1	1	1	1	1	1	1	1	1	27	91	118	
1893, .	11	14	25	29	40	69	2	11	13	3	3	18	18	18	1	1	1	1	1	1	1	1	1	43	86	129	
1894, .	19	16	35	31	66	97	3	11	14	1	5	27	27	27	4	4	4	4	1	1	1	1	1	54	130	184	
1895, .	9	6	15	30	56	86	8	8	8	2	2	18	18	18	1	1	1	1	1	1	1	1	1	39	91	130	
1896, .	11	24	35	42	89	131	3	17	20	5	5	31	31	31	3	3	3	3	1	1	1	1	1	57	169	226	
1897, .	19	17	36	33	51	84	5	5	10	14	14	16	17	17	5	5	5	5	1	1	1	1	1	58	108	166	
1898, .	24	21	45	21	53	74	14	14	14	1	1	31	32	32	7	7	7	7	1	1	1	1	1	46	127	173	
1899, .	19	14	33	32	54	86	1	19	20	2	2	24	25	25	3	3	3	3	1	1	1	1	1	53	116	169	
Totals, .	144	147	291	276	517	793	23	117	140	1	47	4	208	212	24	24	24	24	2	2	4	1	1	1	450	1,062	1,512

TABLE 32. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*
FRANKLIN COUNTY.

YEARS.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			IMPRISONMENT.			TOTALS.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	
1890,	2	2	4	—	2	2	—	—	—	—	—	—	—	—	—	—	1	1	2	7	9			
1891,	—	4	4	2	1	1	—	—	—	—	6	6	—	—	—	—	—	—	2	13	15			
1892,	—	1	1	3	1	1	—	—	—	—	1	1	—	—	—	—	—	—	3	5	8			
1893,	—	2	2	4	1	1	—	—	—	—	—	—	—	—	—	—	—	—	4	6	10			
1894,	4	1	5	6	1	1	—	—	—	—	2	2	—	—	—	—	—	—	10	9	19			
1895,	2	1	3	2	—	—	—	—	—	—	4	4	—	—	—	—	—	—	4	12	16			
1896,	2	1	3	4	8	12	—	5	—	—	2	2	—	—	—	—	1	1	7	17	24			
1897,	2	2	4	—	2	2	—	2	—	—	3	3	—	—	—	—	2	2	2	19	21*			
1898,	1	—	1	3	3	3	—	—	—	—	2	2	—	—	—	—	—	—	4	17	21			
1899,	1	—	1	1	1	1	—	—	—	—	3	3	—	—	—	—	—	—	2	12	14			
Totals,	14	14	28	25	52	77	—	17	17	—	23	23	—	—	—	—	5	5	40	117	157			

* Impotency, one female.

TABLE 33. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*
HAMPDEN COUNTY.

YEARS.	ADULTERY.			DESSERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			IMPRISONMENT.			TOTALS.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.			
1890, . . .	4	2	6	10	21	31	-	5	5	1	1	-	6	6	-	-	-	-	14	35	49			
1891, . . .	3	4	7	14	16	30	2	14	16	2	2	-	8	8	-	-	1	1	19	45	64			
1892, . . .	7	5	12	4	7	11	-	9	9	2	2	-	1	1	4	-	-	-	11	28	39			
1893, . . .	6	8	14	8	17	25	3	17	20	2	2	-	12	12	1	-	-	-	17	57	74			
1894, . . .	8	3	11	11	12	23	-	15	15	10	10	-	1	1	2	-	-	-	19	43	62			
1895, . . .	1	4	5	10	17	27	1	11	12	4	4	-	1	1	3	-	-	-	12	40	52			
1896, . . .	3	6	9	17	14	31	1	11	12	1	1	-	7	7	6	-	-	-	21	45	66			
1897, . . .	4	3	7	13	14	27	-	12	12	-	-	2	11	13	3	-	1	1	19	44	63			
1898, . . .	8	4	12	17	15	32	5	5	10	1	1	1	10	11	9	-	1	1	31	45	76			
1899, . . .	6	4	10	15	19	34	2	13*	15	-	-	1	14	15	2	-	1	1	24	53	77			
Totals, . . .	50	43	93	119	152	271	14	112	126	-	23	23	4	71	75	-	30	4	187	435	622			

* One female, excessive use of cocaine.

TABLE 34. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*
HAMPSHIRE COUNTY.

YEARS.	ADULTERY.			DESEPTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			IMPRISONMENT.			TOTALS.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	
1890, . . .	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	8	9	
1891, . . .	2	-	2	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	9	17	
1892, . . .	3	-	3	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7	14	
1893, . . .	1	1	2	-	1	1	-	-	-	-	-	-	-	1	1	1	1	1	1	1	5	10	15	
1894, . . .	1	1	2	1	1	2	-	1	1	1	1	1	1	3	3	3	3	3	3	3	7	9	16	
1895, . . .	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6	11*	
1896, . . .	1	3	4	-	2	2	-	2	2	2	2	2	2	2	2	2	2	2	2	2	4	14	18	
1897, . . .	-	2	2	-	5	5	-	2	2	2	2	2	2	2	2	2	2	2	2	2	-	12	12	
1898, . . .	1	3	4	-	1	5	-	1	1	1	1	1	1	2	2	2	2	2	2	2	2	13	15+	
1899, . . .	3	2	5	-	1	1	-	-	-	-	-	-	-	4	4	4	4	4	4	4	5	9	14	
Totals, . .	13	13	26	2	17	19	-	5	5	-	18	18	-	-	-	-	-	-	-	-	44	97	141	

* One female, nullity of marriage.

† One female, impotency.

TABLE 35. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*
MIDDLESEX COUNTY.

YEARS.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			IMPRISONMENT.			IMPOTENCY.			TOTALS.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1890, .	7	6	13	17	18	35	-	7	7	-	3	3	-	3	3	1	1	1	-	-	-	24	39	63	24	39	63
1891, .	3	8	11	27	36	63	4	5	9	-	7	7	-	13	13	1	1	1	-	-	-	34	71	105*	34	71	105*
1892, .	9	7	16	16	36	52	4	8	12	-	-	-	1	17	18	-	4	4	-	1	1	30	73	103	30	73	103
1893, .	20	26	46	37	64	101	3	21	24	-	4	4	-	21	21	-	2	2	-	1	1	60	140	200	60	140	200
1894, .	11	19	30	23	50	73	2	16	18	-	25	25	-	-	-	-	1	1	-	-	-	36	111	147	36	111	147
1895, .	14	26	40	21	42	63	1	14	15	3	26	29	-	1	1	-	5	5	-	-	-	39	114	153	39	114	153
1896, .	21	23	44	31	49	80	7	19	26	-	44	44	-	-	-	-	3	3	1	1	-	59	139	198	59	139	198
1897, .	20	18	38	34	51	85	5	12	17	2	26	28	-	-	-	-	8	8	-	-	-	61	115	176	61	115	176
1898, .	21	22	43	27	54	81	4	27	31	-	18	18	2	16	18	-	10	10	1	1	-	54	148	202	54	148	202
1899, .	28	19	47	36	69	105	7	27	34	1	36	37	-	-	-	-	3	3	3	3	-	72	157	229	72	157	229
Totals,	154	174	328	269	469	738	37	156	193	6	189	195	3	71	74	-	38	38	-	7	7	469	1,107	1,576	469	1,107	1,576

* One female, nullity of marriage.

TABLE 36. — *Divorces Granted, by Years and Statute Clauses. — Ten Years.*
NORFOLK COUNTY.

YEARS.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			IMPRISONMENT.			TOTALS.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1890, . . .	3	1	4	5	8	13	—	4	4	—	—	—	2	2	2	—	1	1	—	—	—	9	16	25*
1891, . . .	3	1	4	3	9	12	—	3	3	—	1	1	4	4	4	—	2	2	—	—	—	6	20	26
1892, . . .	3	2	5	4	12	16	—	2	2	—	1	1	3	3	3	—	—	—	—	—	—	7	20	27
1893, . . .	2	—	2	4	13	17	1	6	7	—	2	2	1	1	1	—	—	—	—	—	—	7	23	30†
1894, . . .	1	2	3	6	15	21	2	4	6	—	—	—	1	2	3	—	1	1	—	—	—	10	25	35
1895, . . .	1	3	4	5	10	15	—	6	6	—	1	1	4	4	4	—	1	1	—	—	—	6	25	31
1896, . . .	—	4	4	7	14	21	—	5	5	—	1	1	2	2	2	—	1	1	—	—	—	7	28	35
1897, . . .	2	2	4	3	10	13	2	3	5	—	—	—	5	5	5	—	1	1	—	—	—	7	21	28
1898, . . .	2	5	7	10	7	17	—	1	1	—	—	—	9	9	9	—	1	1	—	—	—	12	23	35
1899, . . .	3	4	7	5	25	30	1	2	3	—	1	1	3	3	3	—	1	1	—	—	—	9	36	45
Totals, . .	20	24	44	52	123	175	6	36	42	—	7	7	1	35	36	—	9	9	—	—	—	80	237	317

* One male, nullity of marriage.

† One female, nullity of marriage.

TABLE 37. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*
PLYMOUTH COUNTY.

YEARS.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			IMPRISONMENT.			IMPOTENCY.			TOTALS.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.			
1890, .	3	3	6	10	6	16	1	1	2	-	-	-	3	3	3	-	-	-	-	-	-	14	13	27			
1891, .	3	4	7	8	21	29	-	6	6	-	-	5	5	5	1	1	-	-	-	-	11	37	48				
1892, .	4	4	8	4	10	14	-	3	3	-	-	7	7	7	3	3	-	-	-	-	8	27	35				
1893, .	6	3	9	16	13	29	-	7	7	-	-	12	12	12	1	1	-	-	-	-	22	36	58				
1894, .	6	2	8	4	23	27	1	8	9	1	3	4	-	3	3	-	-	-	-	-	12	39	51				
1895, .	7	8	15	8	17	25	1	5	6	-	8	8	-	-	-	2	2	-	-	-	16	40	56				
1896, .	4	6	10	7	16	23	-	4	4	-	1	1	-	3	3	-	2	2	-	-	11	32	43				
1897, .	3	4	7	11	14	25	1	5	6	-	2	2	1	10	11	-	6	6	-	-	17	43	60*				
1898, .	8	2	10	13	15	28	1	-	1	-	-	-	-	11	11	-	5	5	-	-	22	33	55				
1899, .	3	2	5	10	19	29	1	5	6	-	3	3	-	11	11	-	1	1	-	-	14	41	55				
Totals, .	47	38	85	91	154	245	6	44	50	1	17	18	1	65	66	-	21	21	-	-	147	341	488				

* One male, two females, nullity of marriage.

TABLE 38. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*
SUFFOLK COUNTY.

YEARS.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			IMPRISONMENT.			IMPO- TENCY.			NULLITY OF MARRIAGE.			TOTALS.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.			
1890,	24	16	40	30	66	96	7	15	22	4	4	10	10	10	1	1	1	1	1	1	1	1	1	1	2	4	6	63	118	181
1891,	29	25	54	43	65	108	6	27	33	11	11	17	1	17	18	3	3	1	1	1	1	1	1	1	1	3	4	81	153	234
1892,	28	27	55	47	79	126	10	19	29	2	2	32	2	32	34	10	10	3	3	3	3	3	3	3	3	6	90	175	265	
1893,	38	36	74	43	92	135	12	21	33	11	11	32	32	32	4	4	4	4	4	4	4	4	4	4	4	4	8	96	197	293
1894,	31	49	80	41	108	149	9	36	45	6	6	45	3	45	48	14	14	1	1	1	1	1	1	1	2	6	8	86	265	351
1895,	31	31	62	48	72	120	5	17	22	14	14	1	28	29	15	15	15	1	1	1	1	1	1	1	3	6	89	180	269	
1896,	44	48	92	64	96	160	10	35	45	7	7	4	31	35	14	14	14	1	1	1	1	1	1	1	1	2	3	123	234	357
1897,	23	40	63	48	98	146	8	28	36	8	8	56	56	56	14	14	14	1	1	1	1	1	1	1	2	3	5	83	251	334
1898,	41	35	76	58	87	145	14	29	43	1	1	3	46	49	12	12	12	4	4	4	4	2	2	2	1	3	4	117	219	336
1899,	27	35	62	44	87	131	16	38	54	7	7	44	44	44	11	11	11	2	2	2	2	4	4	4	4	4	8	91	228	319
Totals,	316	342	658	466	850	1,316	97	265	362	71	71	351	14	351	365	98	98	14	14	3	5	8	23	34	57	919	2,020	2,939		

TABLE 39. — *Divorces Granted, by Years and Statute Causes. — Ten Years.*
WORCESTER COUNTY.

YEARS.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			IMPRISONMENT.			IMPOTENCY.			TOTALS.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.			
1890, .	6	5	11	14	24	38	—	16	16	1	1	—	14	14	3	3	—	—	—	—	—	—	—	20	63	83	
1891, .	8	10	18	14	28	42	1	20	21	3	3	1	12	13	6	6	—	—	—	—	—	—	—	24	79	103	
1892, .	13	10	23	18	30	48	2	13	15	2	2	1	—	1	8	8	—	—	—	—	—	—	—	34	63	97	
1893, .	11	12	23	20	31	51	—	19	19	1	1	—	16	16	3	3	—	1	1	—	—	—	—	31	83	114	
1894, .	7	12	19	20	32	52	2	17	19	—	1	1	—	15	15	5	5	—	—	—	—	—	—	29	82	111	
1895, .	11	7	18	23	26	49	1	14	15	—	4	4	1	13	14	1	1	—	—	—	—	—	—	36	65	101	
1896, .	15	6	21	22	32	54	—	14	14	—	3	3	—	16	16	4	4	—	2	2	—	—	—	37	77	114	
1897, .	9	9	18	21	39	60	2	11	13	—	2	2	1	15	16	—	12	12	—	1	1	—	—	34	89	123*	
1898, .	4	6	10	22	32	54	2	15	17	—	5	5	—	19	19	—	10	10	—	—	—	1	1	28	89	117+	
1899, .	14	8	22	15	32	47	3	18	21	—	2	2	—	16	16	—	3	3	—	—	—	—	—	32	79	111	
Totals, .	98	85	183	189	306	495	13	157	170	—	24	24	4	136	140	—	55	55	—	4	4	—	1	1	305	769	1,074

* One male, nullity of marriage.

† One female, nullity of marriage.

TABLE 40. — Total Number of Divorces Granted by Counties and Statute Causes. — Ten Years.

COUNTIES.	ADULTERY.			DESERTION.			INTOXICATION.			EXTREME CRUELTY.			CRUEL AND ABUSIVE TREATMENT.			NEGLECT TO PROVIDE.			IMPOTENCY.			NULLITY OF MARRIAGE.			TOTALS.			
	Males.		Females.	Males.		Females.	Males.		Females.	Males.		Females.	Males.		Females.	Males.		Females.	Males.		Females.	Males.		Females.	Males.		Females.	
	Both Sexes.			Both Sexes.			Both Sexes.			Both Sexes.			Both Sexes.			Both Sexes.			Both Sexes.			Both Sexes.			Both Sexes.			
Barnstable, .	14	7	21	36	28	64	1	8	9	5	5	1	15	16	2	2	2	2	2	2	2	2	2	2	2	2	118	
Berkshire, .	26	25	51	77	87	164	1	49	50	1	12	2	55	57	7	7	7	7	7	7	7	7	7	7	7	7	343	
Bristol, .	90	86	176	95	195	290	24	91	115	—	23	23	1	89	90	22	22	2	2	2	2	2	2	2	2	2	728	
Dukes and Nan- tucket, .	—	1	1	10	4	14	—	5	5	—	3	3	—	8	8	—	—	—	—	—	—	—	—	—	—	—	31	
Essex, .	144	147	291	276	517	793	23	117	140	1	47	4	208	212	26	26	2	2	2	2	2	2	2	2	2	2	1,512	
Franklin, .	14	14	28	25	52	77	—	17	17	—	4	—	23	23	5	5	2	2	2	2	2	2	2	2	2	2	157	
Hampden, .	50	43	93	119	152	271	14	112	126	—	23	23	4	71	75	30	30	4	4	1	1	1	1	1	1	1	622	
Hampshire, .	13	13	26	29	40	69	2	17	19	—	5	5	—	18	18	1	1	1	1	—	—	—	—	—	—	—	141	
Middlesex, .	154	174	328	269	469	738	37	156	193	6	189	3	71	74	38	38	7	7	2	2	2	2	2	2	2	2	1,576	
Norfolk, .	20	24	44	52	123	175	6	36	42	—	7	1	35	36	9	9	2	2	—	—	—	—	—	—	—	—	317	
Plymouth, .	47	38	85	91	154	245	6	44	50	1	17	1	65	66	21	21	—	—	—	—	—	—	—	—	—	—	488	
Suffolk, .	316	342	658	466	850	1,316	97	265	362	—	71	14	351	365	98	98	—	—	—	—	—	—	—	—	—	—	2,939	
Worcester, .	98	85	183	189	306	495	13	157	170	—	24	4	136	140	55	55	—	—	—	—	—	—	—	—	—	—	1,074	
The State, .	986	999	1,985	1,734	2,977	4,711	224	1,074	1,298	9	430	35	1,135	1,170	314	314	2	38	40	3	11	14	31	44	75	3,024	7,022	10,046

DEATHS.

The total number of deaths reported for the year 1899 was 47,710, which was 949 more deaths than the number reported in 1898, and 291 more than the number reported in 1897.

It was 56 more than the average mortality of the five years ending with 1899. The death-rate for the year was 17·47 per thousand of the living population as estimated, which was less than that of the previous year, and less than the rate in any other year since the beginning of registration except 1858, 1859 and 1867.

The number of deaths of infants under one year was 10,532 which was the smallest number since 1891, but larger than that of any other year in the twenty year period 1880–1899.

The lowest infant mortality in the twenty year period was 7,190 in 1880.

The percentage of deaths of children under one year of age to the total mortality in 1899 was 22·08 as compared with 23·34 in 1898 and 22·67 in 1897.

In table 41 is stated the number of deaths and the death-rates per 1,000 of the living population for each year, and for the quinquennial periods from 1851 to 1899 inclusive.

The death-rates in non-census years are estimated. The average death-rate for the forty-five years differs very little from the annual means of the five-year period ending 1895.

In table 42 are stated the death-rates for the different counties for the seven census years 1865–1895, and also the number of deaths in each county for the ten-year period 1890–1899.

In all the counties there was an increase of deaths as compared with the previous year except in Barnstable, Franklin, Hampden, Middlesex and Norfolk.

TABLE 41. — *Deaths and Death-rates, 1851-1899.*

YEARS.	Deaths Registered.	Deaths to 1,000 Persons Living.	Annual Means of Quinquennial Periods.
1851,	18,934	18.52	18.55
1852,	18,482	17.61	
1853,	20,301	18.85	
1854,	21,411	19.38	
1855,	20,798	18.37	
1856,	20,735	17.99	17.93
1857,	21,280	18.16	
1858,	20,776	17.44	
1859,	20,976	17.32	
1860,	23,063	18.74	
1861,	24,085	19.45	20.71
1862,	22,974	18.45	
1863,	27,751	22.16	
1864,	28,723	22.82	
1865,	26,152	20.64	
1866,	23,637	18.11	18.15
1867,	22,772	16.95	
1868,	25,603	18.53	
1869,	26,054	18.35	
1870,	27,329	18.75	
1871,	27,943	18.67	20.80
1872,	35,019	22.81	
1873,	33,912	21.54	
1874,	31,887	19.77	
1875,	34,978	21.17	
1876,	33,186	19.77	18.83
1877,	31,342	18.40	
1878,	31,303	18.09	
1879,	31,801	18.10	
1880,	35,292	19.79	
1881,	36,458	20.09	19.81
1882,	36,785	19.92	
1883,	37,748	20.09	
1884,	36,990	19.36	
1885,	38,094	19.61	
1886,	37,244	18.61	19.37
1887,	40,763	19.78	
1888,	42,097	19.86	
1889,	41,777	19.17	
1890,	43,528	19.44	
1891,	45,185	19.74	19.83
1892,	48,762	20.84	
1893,	49,084	20.52	
1894,	46,791	19.13	
1895,	47,540	19.01	
1896,	49,381	19.32	
1897,	47,419	18.15	
1898,	46,761	17.55	
1899,	47,710	17.47	

TABLE 42. — *Death-rates by Counties, 1865, 1870, 1875, 1880, 1885, 1890, 1895, and Deaths, 1890-1899.*

	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.	STATE.
Death-rates, 1865, . . .	17.8	17.9	20.4	15.4	21.7	18.4	19.0	20.9	19.1	28.0	19.1	22.0	23.3	21.2	20.6
" " 1870, . . .	14.5	15.4	18.1	14.3	17.4	16.9	19.1	17.1	18.9	22.6	15.6	16.2	23.7	17.9	18.7
" " 1875, . . .	19.1	18.9	20.7	17.2	21.1	19.8	20.4	20.4	20.9	26.2	17.4	18.6	25.7	18.4	21.1
" " 1880, . . .	19.0	16.0	21.4	13.9	20.2	16.1	19.9	18.1	18.1	30.9	16.1	16.8	23.4	18.9	19.7
" " 1885, . . .	18.8	18.0	20.6	25.4	18.1	15.8	18.4	16.9	18.6	33.7	16.7	17.5	24.2	18.1	19.6
" " 1890, . . .	19.4	18.2	20.3	25.4	20.0	15.8	19.6	18.5	18.4	24.5	16.5	16.9	22.3	17.8	19.4
" " 1895, . . .	21.4	16.1	19.5	22.9	18.9	15.2	19.2	16.7	18.0	25.2	16.1	16.7	22.4	17.9	19.0
Deaths, 1890, . . .	567	1,476	3,778	111	6,007	610	2,653	959	7,948	80	1,968	1,563	10,819	4,989	43,528
" " 1891, . . .	615	1,436	4,109	109	5,916	699	2,644	969	8,506	80	1,945	1,580	11,357	5,220	45,185
" " 1892, . . .	640	1,560	4,367	99	6,272	766	3,181	1,051	9,038	120	2,087	1,759	12,013	5,809	48,762
" " 1893, . . .	592	1,505	4,608	115	6,064	654	2,999	1,037	9,420	88	2,294	1,751	12,280	5,677	49,084
" " 1894, . . .	559	1,391	4,416	108	5,584	608	2,616	910	8,862	97	2,176	1,677	12,385	5,402	46,791
" " 1895, . . .	592	1,386	4,266	97	6,213	608	2,941	913	8,982	76	2,165	1,696	12,114	5,491	47,540
" " 1896, . . .	584	1,547	4,985	98	6,295	642	2,859	931	9,445	84	2,230	1,854	12,419	5,387	49,381
" " 1897, . . .	514	1,352	4,909	83	5,692	633	2,907	947	9,096	60	2,218	1,620	12,001	5,387	47,419
" " 1898, . . .	584	1,393	4,409	83	5,793	662	2,954	878	8,993	58	2,190	1,633	11,713	5,418	46,761
" " 1899, . . .	463	1,436	4,849	88	6,057	623	2,890	900	8,954	69	2,177	1,708	11,946	5,550	47,710

In table 43 there is a statement of the mortality of Massachusetts compared with that of a number of the countries of Europe. This comparative statement embraces a period of twenty years ending with 1890, and of the single years 1891, 1892 and 1893. It is observable that the average death-rate in Massachusetts is less than in twelve of the countries and greater than in Denmark, Ireland, Sweden and Norway. The highest death-rate for the twenty-year period is 33·7 in Hungary and the lowest in Norway, which was 16·9.

TABLE 43.

COUNTRIES.	AVERAGE.			
	1871-90.	1891.	1892.	1893.
Massachusetts,	19·67	19·74	20·84	20·52
Hungary (15 years), . .	33·7	33·1	35·0	31·1
Austria,	30·6	27·9	28·8	—
Italy,	28·6	26·2	26·3	25·3
Germany (19 years), . .	26·0	23·4	24·1	24·6
Prussia,	25·6	22·9	23·4	24·2
France,	22·8	22·6	22·6	—
Holland,	22·6	20·7	21·0	19·2
Switzerland,	22·1	20·8	19·3	20·5
Belgium,	21·4	21·0	21·8	20·3
Scotland,	20·4	20·7	18·5	19·4
England and Wales, . .	20·3	20·2	19·0	19·2
United Kingdom, . . .	19·9	20·0	19·0	19·1
Denmark,	19·0	20·0	19·4	18·9
Ireland,	18·0	18·4	19·4	17·9
Sweden,	17·6	16·8	17·9	—
Norway,	16·9	17·5	17·8	16·4

In table 44 it appears that the total mortality for 1899 was greater than that of 1898 and that the mortality of every month

except May, August, September, October, November and December was greater than that of the corresponding month in 1898. The greatest difference was in the month of March. The greatest number of deaths occurred in January, and the first quarter of the year, and the least in June and the second quarter. In the year 1898 the greatest number of deaths occurred in August.

TABLE 44. — *Relation of the Mortality-rate to Seasons of the Year. — 1898-1899.*

	Deaths registered in Each Month.		Deaths registered in Each Quarter.		Monthly Percentage of Total Mortality.		Quarterly Percentage of Total Mortality.	
	1898.	1899.	1898.	1899.	1898.	1899.	1898.	1899.
January, .	3,849	5,181	} 11,230	13,325	8.23	10.86	} 24.02	27.93
February, .	3,453	4,201			7.38	8.81		
March, .	3,928	3,943			8.40	8.26		
April, . .	3,833	3,888	} 10,768	10,870	8.20	8.15	} 23.03	22.78
May, . .	3,770	3,652			8.06	7.65		
June, . .	3,165	3,330			6.77	6.98		
July, . .	3,880	4,334	} 13,340	12,625	8.29	9.08	} 28.53	26.46
August, .	5,020	4,481			10.73	9.39		
September, .	4,440	3,810			9.50	7.99		
October, .	3,799	3,471	} 11,423	10,890	8.12	7.28	} 24.42	22.83
November, .	3,595	3,425			7.69	7.18		
December, .	4,029	3,994			8.63	8.37		
The Year,	46,761	47,710	46,761	47,710	100.00	100.00	100.00	100.00

In table 45 are presented the percentages of deaths by quarters of the year for a period of twenty years. The highest percentage occurred in the first quarter in 1892; in the second quarter in 1885; the third quarter in 1896, and the last quarter in 1891.

TABLE 45. — *Percentages of Deaths, by Quarters. — 1890-1899.*

YEARS.	PERCENTAGES OF DEATHS, BY QUARTERS ENDING WITH—			
	March.	June.	September.	December.
1880,	23·5	23·4	28·6	24·5
1881,	25·0	23·4	27·6	24·0
1882,	24·1	24·1	28·7	23·1
1883,	23·9	24·7	28·3	23·1
1884,	24·1	22·2	28·5	25·2
1885,	26·5	24·9	27·7	20·9
1886,	23·9	23·0	28·6	24·5
1887,	24·1	23·4	28·8	23·7
1888,	26·6	23·6	27·8	22·0
1889,	23·5	24·1	28·9	23·5
1890,	27·9	21·9	27·8	22·3
1891,	23·1	23·7	27·2	26·0
1892,	29·5	22·5	26·5	21·5
1893,	24·9	24·2	27·2	23·7
1894,	25·6	22·6	28·9	22·9
1895,	27·4	22·5	26·9	23·2
1896,	23·9	23·9	30·2	22·0
1897,	26·8	23·5	27·0	22·7
1898,	24·0	23·0	28·6	24·4
1899,	27·9	22·8	26·5	22·8

Sex. — Table 46 presents the mortality of males and females from 1860 to 1899, the ratio of the mortality of males to that of females, and also the mortality rate of each sex, the latter being given by census years only. It will be seen that the ratio of deaths of males exceeded that of females in the period of the war 1862-1865, in 1865, 1868, 1870-1873, and from 1888 to 1899 there has been a gradual annual increase in the ratio of deaths of males. In the census years 1866, 1870, 1875, 1880, 1885, 1890 and 1895 the population of females exceeded that of the males.

TABLE 46. — *Mortality of Males and Females compared. — 1860–1899.*

	Deaths of Males.	Deaths of Females.	Deaths of Males to 100 Deaths of Females.	Death-rate of Males.	Death-rate of Females.
<i>1860,</i>	<i>11,444</i>	<i>11,547</i>	<i>99.9</i>	<i>19.3</i>	<i>18.4</i>
1862-65 (4 years of war),	54,407	50,994	106.7	—	—
<i>1865,</i>	<i>13,085</i>	<i>13,024</i>	<i>100.5</i>	<i>21.7</i>	<i>19.6</i>
1866,	11,601	12,003	96.6	—	—
1867,	11,359	11,369	99.8	—	—
1868,	12,871	12,695	101.4	—	—
1869,	12,777	13,231	96.6	—	—
<i>1870,</i>	<i>13,699</i>	<i>13,598</i>	<i>100.7</i>	<i>19.5</i>	<i>18.6</i>
1871,	13,985	13,931	100.4	—	—
1872,	17,717	17,256	102.7	—	—
1873,	17,242	16,642	103.6	—	—
1874,	15,912	15,939	99.9	—	—
<i>1875,</i>	<i>17,329</i>	<i>17,619</i>	<i>98.4</i>	<i>21.8</i>	<i>20.5</i>
1876,	16,485	16,669	98.8	—	—
1877,	15,427	15,894	97.1	—	—
1878,	15,284	15,986	95.6	—	—
1879,	15,628	16,142	96.8	—	—
<i>1880,</i>	<i>17,426</i>	<i>17,852</i>	<i>97.6</i>	<i>20.3</i>	<i>19.3</i>
1881,	18,147	18,296	99.2	—	—
1882,	18,360	18,418	99.6	—	—
1883,	18,840	18,904	99.6	—	—
1884,	18,418	18,567	99.2	—	—
<i>1885,</i>	<i>18,889</i>	<i>19,205</i>	<i>98.4</i>	<i>20.2</i>	<i>19.0</i>
1886,	18,585	18,659	99.6	—	—
1887,	20,329	20,434	99.5	—	—
1888,	21,234	20,863	101.8	—	—
1889,	20,978	20,799	100.9	—	—
<i>1890,</i>	<i>21,767</i>	<i>21,761</i>	<i>100.0</i>	<i>20.0</i>	<i>18.9</i>
1891,	22,672	22,513	100.7	—	—
1892,	24,643	24,119	102.2	—	—
1893,	24,899	24,185	102.9	—	—
1894,	23,788	23,003	103.4	—	—
<i>1895,</i>	<i>24,175</i>	<i>23,365</i>	<i>103.5</i>	<i>19.9</i>	<i>18.2</i>
1896,	25,140	24,241	103.7	—	—
1897,	24,004	23,415	102.5	—	—
1898,	24,082	22,679	106.2	—	—
1899,	24,304	23,406	103.8	—	—

In table 47 the deaths by age and sex are given for certain periods of life, for the years 1898 and 1899; by which it appears that in the year 1899, 1,126 more males than females died under one year, and the excess in the deaths of males over females under 5 years of age was 1,321. From twenty to thirty years the deaths of the females exceeded those of the males by 61, and for all other ages the deaths of the females exceeded those of the males by 352.

TABLE 47. — *Deaths at Different Ages. — 1898-1899.*

	UNDER 1 YEAR.		UNDER 5 YEARS.		20 TO 30.		ALL OTHERS.		TOTALS.	
	1898.	1899.	1898.	1899.	1898.	1899.	1898.	1899.	1898.	1899.
I. Deaths,										
{ Males,	6,092	5,829	8,081	8,077	2,120	1,847	13,881	14,380	24,082	24,304
{ Females,	4,920	4,703	6,781	6,756	1,899	1,908	13,999	14,732	22,679	23,406
{ Totals,	11,012	10,532	14,862	14,833	4,019	3,755	27,880	29,112	46,761	47,710
II. Percentages for each sex,										
{ Males,	25.29	23.98	33.55	33.23	8.81	7.60	57.64	59.17	-	-
{ Females,	21.69	20.09	29.89	28.26	8.37	8.15	61.72	63.59	-	-
III. Percentages for each period of life,										
{	23.34	22.08	31.78	31.09	8.59	7.88	59.62	61.03	-	-
IV. Females to 1,000 males,	808	807	839	836	896	1,033	1,009	1,024	942	963

Table 48 presents the ratio of deaths at certain ages, as compared with the total number, for a period of twenty years. The percentage of deaths under five years of age was smaller than that of any year of the twenty year period 1880-1899.

TABLE 48. — *Deaths at Different Ages. — Percentages. — Twenty Years.*

	Under 1 Year.	Under 5 Years.	20 to 30.	All Others.
1880,	20·34	34·58	9·27	56·15
1881,	20·27	32·80	10·01	57·19
1882,	20·22	31·21	10·16	58·63
1883,	19·89	31·39	10·04	58·57
1884,	20·91	32·33	9·61	58·05
1885,	20·03	31·41	9·16	59·42
1886,	21·07	31·61	9·45	58·94
1887,	20·89	32·26	9·51	58·23
1888,	21·07	32·09	9·49	58·42
1889,	21·79	32·67	9·26	58·07
1890,	22·11	31·86	9·03	59·11
1891,	22·54	31·58	8·45	59·96
1892,	21·84	31·22	9·00	59·77
1893,	22·39	32·47	8·81	58·73
1894,	23·29	33·60	8·50	57·91
1895,	22·22	31·98	8·63	59·39
1896,	23·82	33·86	8·34	57·99
1897,	22·67	32·27	8·38	59·92
1898,	23·34	31·78	8·59	59·62
1899,	22·08	31·09	7·88	61·03

Infant Mortality. — The number of deaths of children under one year of age in 1899 was 10,532 or 22·08 per cent. of the total mortality. This was less by 393 deaths than the average for the five years 1895-1899. As compared with the number of births, the ratio, 14·95 per cent., is the least in any single year of the past twenty years, except 1897.

TABLE 49. — *Infant Mortality. — Twenty Years, 1880–1899.*

	Births.	Deaths under One Year.	Total Deaths.	Deaths under One Year to 100 Births.	Percentage of Deaths under One to Total Deaths.
1880, . . .	44,217	7,190	35,292	16·26	20·34
1881, . . .	45,220	7,389	36,458	16·34	20·27
1882, . . .	45,670	7,438	36,785	16·30	20·22
1883, . . .	47,285	7,511	37,748	15·88	19·89
1884, . . .	48,615	7,735	36,990	15·91	20·91
1885, . . .	48,790	7,626	38,094	15·63	20·03
1886, . . .	50,788	7,848	37,244	15·45	21·07
1887, . . .	53,174	8,514	40,763	16·01	20·89
1888, . . .	54,893	8,870	42,097	16·16	21·07
1889, . . .	57,075	9,105	41,777	15·95	21·79
1890, . . .	57,777	9,625	43,528	16·66	22·11
1891, . . .	63,004	10,186	45,185	16·17	22·54
1892, . . .	65,824	10,649	48,762	16·17	21·84
1893, . . .	67,192	10,990	49,084	16·36	22·39
1894, . . .	66,936	10,899	46,791	16·28	23·29
1895, . . .	67,545	10,564	47,540	15·64	22·22
1896, . . .	72,343	11,765	49,381	15·78	23·82
1897, . . .	73,205	10,751	47,419	14·69	22·67
1898, . . .	73,110	11,012	46,761	15·06	23·34
1899, . . .	70,457	10,532	47,710	14·95	22·08

Table 50. According to this table, it will be observed that the mortality changes in conformity to the age. The highest rate is under one year. It is to be regretted that the materials for 1890 could not be found to complete the table, as the only true way to find the rate of death.

In table 51 is given the average age at death of all who have died in the state, by counties, for forty-five years in quinquennial periods. In every county there was an increase in the average age, as compared with the average for thirty years, ending 1880. The average of the ages at death in the five-year period, 1891–1895, is greater in every county than that of the preceding five years, except Bristol, Dukes, Hampshire, and Suffolk counties.

TABLE 50. — *Population, Deaths and Death-rates per 1,000 Living at Specified Ages, 1865-1895.*

	ALL AGES.	Under 1.	Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 and Over.	Unknown.
Population, 1865,	1,267,031	23,719	133,943	143,391	126,691	117,171	225,566	185,543	142,831	96,440	52,216	26,675	8,316	1,302
Deaths, 1865,	26,152	4,869	9,191	1,383	651	1,128	2,837	2,168	1,694	1,687	1,949	1,880	1,399	185
Death-rates, 1865,	20.64	205.28	68.62	9.63	5.14	9.63	12.58	11.68	11.68	17.49	32.90	70.48	168.23	-
Population, 1870,	1,457,351	32,987	156,889	139,796	143,371	142,184	274,859	214,151	162,689	108,348	68,401	31,895	9,727	41
Deaths, 1870,	27,329	6,206	9,873	825	556	1,027	2,833	2,275	1,947	1,837	2,058	2,196	1,654	198
Death-rates, 1870,	18.75	188.13	62.92	5.90	3.74	7.22	10.48	10.62	11.96	16.95	30.08	68.85	170.04	-
Population, 1875,	1,651,912	34,040	173,855	163,738	148,365	165,936	310,861	240,966	182,823	126,430	79,186	38,283	11,167	10,302
Deaths, 1875,	34,978	7,712	12,823	1,603	706	1,287	3,245	2,743	2,361	2,336	2,760	2,959	1,966	189
Death-rates, 1875,	21.17	226.56	73.96	9.77	4.72	7.73	10.49	11.30	12.97	18.29	34.79	71.11	176.41	-
Population, 1880,	1,783,085	37,587	179,307	171,595	161,425	167,595	343,701	264,413	203,515	142,053	91,619	44,337	13,525	-
Deaths, 1880,	35,292	7,190	12,213	1,463	611	1,104	3,269	721	2,384	2,538	3,104	3,243	2,489	1,513
Death-rates, 1880,	19.79	191.28	68.11	8.52	3.78	6.58	9.51	10.29	11.71	17.86	33.89	73.14	184.02	-
Population, 1885,	1,942,141	35,888	178,388	181,842	176,551	187,247	384,450	288,219	222,920	156,760	101,619	49,235	15,516	144
Deaths, 1885,	38,094	7,626	11,956	1,358	667	1,190	3,492	3,062	2,889	3,090	3,678	3,750	2,829	133
Death-rates, 1885,	19.61	212.49	67.00	7.46	3.77	6.35	9.08	10.62	12.96	19.71	36.19	76.16	182.32	-
Population, 1890,*	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Deaths, 1890,	43,528	9,625	13,870	1,282	697	1,361	3,931	3,552	3,396	3,642	4,286	4,247	3,115	149
Death-rates, 1890,	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Population, 1895,	2,500,183	49,933	235,647	224,119	202,900	225,881	521,392	400,134	282,781	199,511	125,283	61,011	18,510	3,014
Deaths, 1895,	47,540	10,564	15,202	1,397	646	1,207	4,101	4,873	3,578	4,080	4,933	5,028	3,418	77
Death-rates, 1895,	19.01	215.89	64.51	6.23	3.18	5.34	7.08	9.67	12.65	20.45	39.37	82.41	184.65	-

* Population by ages not obtainable.

TABLE 51. — *Average Ages at Death, by Counties. — 1851-1895.*

YEARS.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
1851-1855 (mean),	. 27·07	30·63	33·07	28·08	39·36	28·14	35·56	28·94	34·32	25·47	37·45	28·02	32·68	20·10	29·61
1856-1860, . . .	. 27·72	32·49	32·66	29·18	42·28	27·68	35·26	28·39	34·60	26·57	37·76	28·97	31·12	21·83	29·34
1861-1865, . . .	. 28·14	34·23	32·09	29·27	43·56	28·08	27·29	27·37	32·16	27·29	44·61	27·63	33·30	23·00	28·81
1866-1870, . . .	. 30·31	40·11	34·43	32·64	47·01	30·35	40·30	28·12	37·21	29·29	53·52	31·85	39·18	24·51	31·31
1871-1875, . . .	. 29·34	40·05	33·25	30·22	48·72	30·17	39·56	26·15	34·60	28·26	54·28	33·39	39·25	23·68	32·07
1876-1880, . . .	. 31·64	44·37	36·32	30·06	49·99	31·39	43·49	28·66	38·09	30·27	53·33	35·82	41·90	26·90	33·81
Average of 30 years,	. 29·04	36·96	33·64	29·91	45·08	29·30	38·58	27·94	35·16	27·86	46·15	30·95	36·24	23·34	30·82
1881-1885, . . .	. 33·37	49·34	35·85	32·04	50·77	34·77	43·50	28·36	40·05	33·12	51·96	39·03	42·72	28·55	34·33
1886-1890, . . .	. 33·91	49·41	35·85	31·08	52·71	34·86	44·05	30·62	40·15	32·79	56·52	38·83	44·01	30·46	35·25
1891-1895, . . .	. 34·73	50·10	37·58	29·99	52·67	35·82	45·00	31·47	37·51	33·76	55·84	39·72	44·81	30·32	35·94

In table 52 are presented by counties the percentages of deaths by nativity for 1899. From this table it appears that the ratio of deaths of the native born to the total mortality of the county was the greatest in Barnstable, Nantucket, Dukes, and Franklin counties, and the least in Suffolk, Middlesex and Bristol counties.

In table XII. page 86, are stated the names and other principal data relative to those persons who died in 1899 who were reported as having lived one hundred years or more, and it is not necessary to repeat this table. Of the whole number reported in 1899, 76·2 per cent. were females and 66·6 per cent. were of foreign birth. All but three had been married.

TABLE 52. — *Nativity of those whose Deaths were Registered in 1899, by Counties.*

COUNTIES.	NATIVE-BORN.		FOREIGN-BORN.		NATIVITY NOT STATED.		TOTALS.	
	Nos.	Percent-ages.	Nos.	Percent-ages.	Nos.	Percent-ages.	Nos.	Totals.
Barnstable, .	428	92·66	32	6·91	3	0·43	463	100·00
Berkshire, .	1,084	75·49	332	23·12	20	1·39	1,436	100·00
Bristol, . .	3,470	71·56	1,339	27·69	40	0·75	4,849	100·00
Dukes, . . .	73	82·95	10	11·36	5	5·69	88	100·00
Essex, . . .	4,523	74·67	1,488	24·57	46	0·76	6,057	100·00
Franklin, . .	511	81·86	105	16·85	7	1·29	623	100·00
Hampden, . .	2,093	72·42	767	26·19	30	1·39	2,890	100·00
Hampshire, .	705	78·66	183	20·33	12	1·01	900	100·00
Middlesex, .	6,326	70·65	2,520	28·15	108	1·20	8,954	100·00
Nantucket, .	61	88·40	8	11·60	—	0·00	69	100·00
Norfolk, . .	1,638	75·17	514	23·58	25	1·25	2,177	100·00
Plymouth, .	1,385	81·09	307	17·97	16	0·94	1,708	100·00
Suffolk, . .	7,892	66·07	3,938	32·91	116	1·02	11,946	100·00
Worcester, .	4,124	74·31	1,391	25·06	38	0·63	5,550	100·00
Totals, . .	34,310	71·96	12,934	27·11	466	0·93	47,710	100·00

CAUSES OF DEATHS.

The total number of deaths for the year 1899 was 47,710. Of this total there was 320 cases reported as from causes unknown or ill defined, comprising 77 deaths from hemorrhage, 97 from tumor, and 146 deaths the causes of which were not stated on the returns. The percentage to the total mortality for these unspecified causes for 1899 was 0·67 as compared with 0·74 in 1898, 0·82 in 1897 and 1·06 in 1896. In the Registration Report of 1890 the average percentage from these causes for the decade 1871–1880 was stated as 3·21, and for the subsequent decade 1881–1890, was 1·37. It is obvious from these data that there is much improvement in the diagnosis, tending to a better registration and that there is also greater care in searching for an accurate return in many cases which formerly were simply accepted as stated on the return without the subsequent inquiry which now obtains. In table 53 are presented the percentages of each class of diseases from specified causes for a period of ten years, ending with 1899.

A comparison with the tables in former reports shows that there is an average decreased percentage in the class of deaths from Zymotic, Constitutional, Developmental and Violent causes, and an increased percentage in the class of Local diseases.

I. *Zymotic Causes.* — Table 54 exhibits the statistics of the principal Zymotic or infectious diseases for a period of ten years 1890–1899.

By this table it appears that the sum of these diseases in 1899 was less than that of any year in the decade except 1898, and 1,065 less than the average for the ten-year period.

There was a considerable increase in the number of deaths from Croup, Diphtheria, Measles and Scarlatina, as compared with 1898, but the total number was 446 less than the total average mortality from these diseases in the ten-year period.

The mortality from Typhoid fever was 51 less than that in 1898, and the total number of deaths was less by 114 than the average for the ten-year period.

TABLE 53. — *Percentage of Causes of Death by Classes.* — Ten Years.*

YEARS.	CLASSES.				
	Zymotic.	Constitutional.	Local.	Developmental.	Violent Deaths.
1890,	18·6	21·2	44·8	10·1	4·2
1891,	18·3	20·0	46·5	10·2	4·1
1892,	18·9	19·1	46·9	9·8	4·3
1893,	17·8	19·1	47·8	9·6	4·5
1894,	18·7	19·8	46·2	9·6	4·8
1895,	17·0	20·2	47·5	9·7	4·6
1896,	17·3	19·7	47·4	10·0	4·7
1897,	15·8	19·8	49·3	10·0	4·3
1898,	14·0	20·1	49·8	10·3	5·1
1899,	14·7	19·5	50·0	10·0	4·3
Average,	17·3	18·9	47·6	9·9	4·1

* Excluding deaths from unspecified causes (the percentage of which in 1899 was 0.67) and still births.

TABLE 54. — *Mortality from Prominent Zymotic Diseases. — Ten Years.*

YEARS.	DISEASES.									
	Dysentery.	Typhoid Fever.	Whooping- cough.	Croup.	Diphtheria.	Measles.	Scarlatina.	Cholera Infantum.	Small-pox.	Totals.
1890, .	220	835	363	387	1,239	114	196	2,491	1	5,846
1891, .	234	821	219	311	907	236	246	2,771	3	5,745
1892, .	193	827	248	350	1,105	88	669	2,898	2	6,380
1893, .	231	750	274	322	1,072	276	810	2,704	9	6,448
1894, .	216	748	435	293	1,508	98	649	2,676	33	6,656
1895, .	209	680	269	352	1,432	117	483	2,377	—	5,919
1896, .	407	723	282	353	1,324	137	249	2,957	—	6,432
1897, .	209	607	171	319	1,107	158	342	2,231	4	5,148
1898, .	293	663	337	158	548	82	141	2,320	—	4,542
1899, .	268	612	338	181	866	241	235	1,964	14	4,719
Average,	248	726	293	303	1,111	153	402	2,539	9*	5,784

* Average for 7 years.

The number of deaths from Whooping-cough was one more than the number in 1898, and 45 more than the average number of deaths from this cause for the decade 1890–1899.

The mortality from Diphtheria was greater by 318 deaths than that of the previous year, but less by 245 than the average for the decade.

There were 241 deaths from Measles, 88 more than the average for the ten-year period.

The number of deaths from Scarlatina in 1899 was 94 more than the number in 1898 but 167 deaths less than the average for the decade.

The number of deaths from Cholera Infantum was 1,964, the smallest number reported in the ten-year period.

There were 14 deaths from Small-pox in 1899. Altogether 18 cases of this disease have been reported since 1894.

II. *Constitutional Diseases.*—The number of deaths ascribed to Tubercular diseases for the year 1899 was 6,970, of which 5,221 deaths were from Pulmonary Consumption, or 10.94 per cent. of the total mortality.

The number of deaths from Cancer was 1,838 which was 3.9 per cent. of the total mortality as compared with 4.1 per cent. in 1898, 3.65 per cent. in 1897, and 3.64 per cent. in 1896.

III. *Local Diseases.*—In table 55 are presented the statistics of the principal local diseases. In 1899 the number of deaths ascribed to Apoplexy, Paralysis, Insanity and Convulsions (Diseases of the Nervous System) was 4,171, which was 70 less than the number reported from the same causes in 1898, but 107 more than the number reported in 1897 and 1,156 more than the average for the decade 1890–1899. The number of deaths from Apoplexy was 2,162, which was 59 more deaths than were reported from this cause in 1898 and 378 more than the average for the ten-year period. The number of deaths from Paralysis was greater by 24 than that of the previous year, but 105 less than the average for the ten-year period. The number of deaths reported as due to Insanity was 29 less than in the year 1898, and 23 less than the average for the decade. The deaths from Convulsions were less by 24 than those of the previous year, and less by 94 than the average of the decennial period. The deaths from the group of Heart Diseases were 3,943 an increase of 109 over the number reported in 1898, and were 159 more than the average for the ten years 1890–1899.

The number of deaths from the principal diseases of the respiratory organs — Pneumonia, Bronchitis and Pleurisy was 6,642, which was 759 more than the number reported in 1898, and 48 more than the average for the ten years 1890–1899.

TABLE 55. — *Mortality from Principal Local Diseases. — Ten Years.*

YEARS.	DISEASES.									
	Apoplexy.	Paralysis.	Insanity.	Convulsions.	Heart Diseases.	Bronchitis.	Pleurisy.	Pneumonia.	Peritonitis.	Bright's Disease, Nephritis and other Kidney Diseases.
1890, .	1,301	1,235	188	889	3,579	1,533	113	4,038	484	1,303
1891, .	1,464	1,214	236	842	3,787	1,658	115	4,337	517	1,496
1892, .	1,603	1,277	253	873	3,910	1,886	216	5,020	564	1,569
1893, .	1,655	1,210	272	883	3,696	1,738	200	5,499	591	1,685
1894, .	1,718	1,145	285	813	3,621	1,572	159	4,101	590	1,788
1895, .	1,813	1,193	234	790	3,769	1,558	171	4,652	703	1,926
1896, .	2,035	1,192	238	836	3,871	1,452	182	4,703	587	2,009
1897, .	1,988	1,084	258	734	3,827	1,530	187	4,796	558	2,017
1898, .	2,103	1,147	249	742	3,834	1,486	191	4,206	556	2,120
1899, .	2,162	1,071	220	718	3,943	1,448	201	4,993	513	2,151
Average,	1,784	1,176	243	812	3,784	1,586	174	4,634	566	1,806

Developmental Causes. — The number of deaths of infants reported as having died of causes incident to the time of birth was 1,470. Up to the year 1896 it had been customary in this computation to include the still-born. There seems no good reason for considering in statistics relative to the causes of death cases which never had independent life.

In comparison with the number of children born alive in 1898, who died of developmental causes, the number of the same class in 1899 was 89 more.

TABLE 56. — *Mortality from Chief Developmental Causes. — Ten Years.*

YEARS.	DISEASES.					
	Teething.	Infantile, Premature.	Child-birth.	Abortion.	Puerp. Con- vulsions.	Old Age.
1890, . . .	89	861	198	5	25	1,853
1891, . . .	67	914	180	6	38	1,951
1892, . . .	65	1,129	211	8	31	1,895
1893, . . .	50	1,226	235	14	36	1,861
1894, . . .	61	1,179	216	7	45	1,669
1895, . . .	78	697	266	13	30	1,715
1896, . . .	70	1,324	244	5	8	1,739
1897, . . .	60	1,373	256	10	11	1,602
1898, . . .	53	1,381	239	10	33	1,669
1899, . . .	40	1,470	240	11	86	1,724
Average, .	63	1,155	229	9	34	1,767

From Bronchitis there were 1,448 deaths, 38 less than the number reported in 1898, and 138 less deaths than the average for the decennial period.

From Pleurisy there were 201 deaths, 27 more than the average for the decade 1890-1899.

The number of deaths from Pneumonia was 4,993 an increase of 787 deaths as compared with the number in 1898, and 359 more deaths than the average for the ten-year period.

The number of deaths from Peritonitis was 513 which was 43 less than the number in 1898, 45 less than the number in 1897, and 53 less than the average for the past decade.

The number of deaths reported in 1899 which were ascribed to the unscientific and unsatisfactory term old age was 1,724 which was 31 more than the number ascribed to this cause in 1898, and 345 more than the average for the decade.

The number of deaths reported in 1899 as from child-birth was 240 as compared with 230 in 1898, and 229 in the decennial period.

Table 57 presents some statistics in regard to the deaths ascribed to violence, either homicidal, suicidal or accidental.

There is a great discrepancy between the figures received from the registrars and those received from the medical examiners, whose returns should presumably be the more accurate.

This matter will be further discussed in the comments on the returns of the medical examiners.

TABLE 57. — *Violent Deaths. — Ten Years.*

YEARS.	Burns and Scalds.	Poison.	Railroad Accidents.	Drowning and Lost at Sea.	Freezing.	Heat.	Lightning.	Homicide.	Suicide.	Totals.
1890, . .	134	63	274	366	—	30	6	18	180	1,071
1891, . .	125	69	300	346	—	30	—	14	168	1,052
1892, . .	162	75	322	342	1	79	10	22	239	1,252
1893, . .	180	90	362	400	1	13	6	18	249	1,319
1894, . .	170	110	298	416	1	33	7	25	226	1,286
1895, . .	170	89	310	387	2	14	3	26	255	1,256
1896, . .	185	63	300	340	1	135	1	19	263	1,307
1897, . .	195	73	235	384	2	31	3	17	227	1,167
1898, . .	217	89	258	498	—	32	8	33	271	1,406
1899, . .	230	77	257*	288	—	3	8	24	268	1,155

* Including 8 cases of death on electric railroad.

Comparing the figures for the year 1899 with those from the same sources in previous years it appears that the total mortality from the principal violent causes 1,155, was a decrease of 251 deaths as compared with those of 1898, and a decrease of 12 as compared with those of 1897.

The number of persons drowned and lost at sea during the year 1899 was less than that of any other year of the decade, the number 288 being 54 less than the lowest number reported in any year, which was in 1892.

Eight deaths are reported as having been caused by lightning and 3 by heat. Further comment on the statistics of death from violence will be found under the head of Medical Examiners' returns.

Most Prominent Causes of Death. — The causes of death to which were ascribed the greatest number in 1898 are the following twenty arranged in their numerical order : —

Consumption,	5,221	Cephalitis,	1,387
Pneumonia,	4,993	Atrophy and Debility,	1,286
Heart Diseases,	3,943	Enteritis,	1,238
Apoplexy,	2,162	Tabes Mesenterica,	1,200
Nephritis and Bright's Disease,	2,151	Paralysis,	1,071
Cholera Infantum,	1,964	Convulsions,	718
Cancer,	1,836	Typhoid Fever,	612
Old Age,	1,724	Peritonitis,	513
Infantile, Premature,	1,470	Hydrocephalus,	451
Bronchitis,	1,448	Brain Diseases,	272

Of the foregoing diseases the most destructive were Consumption, Pneumonia, Heart Diseases and Apoplexy, varying very little annually from the same relative order.

In table 58 is presented the mortality of each sex from several specified causes in each month for different specified periods of life. In the majority of diseases the largest number of deaths occurred where the age was under five years.

In Consumption the greatest number of deaths occurred between 20 and 50 years of age.

TABLE 58. — *Number of Deaths from Several Specified Causes, of Each Sex, in Each Month and at Different Specified Periods of Life which were Registered during the Year 1899.*

	THE YEAR 1899.										
	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Croup.	Typhoid Fever.	Dysentery.	Cholera Infantum.	Consump- tion.	Pneumonia.	
Totals,	14	241	235	866	181	612	268	1,964	5,221	4,993	
Males,	6	132	104	422	96	375	126	1,049	2,719	2,496	
Females	8	109	131	444	85	237	142	915	2,502	2,497	
January,	—	22	13	67	19	58	6	10	515	1,033	
February,	—	21	18	54	18	29	5	2	416	711	
March,	—	28	13	50	17	23	3	7	475	567	
April,	—	32	19	53	16	36	4	9	498	507	
May,	2	38	25	63	11	28	5	11	488	385	
June,	2	37	26	38	6	20	7	95	387	246	
July,	1	24	13	58	11	44	59	740	419	139	
August,	1	12	11	54	8	56	96	728	401	131	
September,	—	6	12	81	17	105	48	285	402	161	
October,	5	5	17	119	17	80	19	50	412	227	
November,	1	5	24	92	17	70	11	18	388	364	
December,	2	11	44	137	24	63	5	9	420	522	

SEX.

MONTHS.

Totals, .	.	.	.	.	.	14	241	235	866	181	612	268	1,964	5,221	4,993
Under 5, .	.	.	.	.	.	2	214	151	551	151	9	72	1,964	251	1,626
5 to 10, .	.	.	.	.	.	—	15	58	222	27	20	6	—	29	112
10 to 15, .	.	.	.	.	.	—	2	11	48	3	41	6	—	81	44
15 to 20, .	.	.	.	.	.	1	1	4	13	—	76	4	—	399	80
20 to 30, .	.	.	.	.	.	4	2	2	11	—	186	6	—	1,626	277
30 to 40, .	.	.	.	.	.	3	6	7	6	—	182	15	—	1,275	388
40 to 50, .	.	.	.	.	.	1	1	—	4	—	64	12	—	712	428
50 to 60, .	.	.	.	.	.	3	—	2	5	—	43	19	—	419	495
60 to 70, .	.	.	.	.	.	—	—	—	3	—	27	45	—	259	602
70 to 80, .	.	.	.	.	.	—	—	—	1	—	12	60	—	136	588
Over 80, .	.	.	.	.	.	—	—	—	2	—	2	20	—	30	352
Not stated,	.	.	.	.	.	—	—	—	—	—	—	3	—	4	1

AGES.

In the preceding tables the statistics of the mortality of the Commonwealth have been shown for periods of ten and twenty years.

In many of the following tables the statistics cover longer periods, table 59, for instance, showing the mortality from Small-pox during forty-nine years. In these tables the percentage to 10,000 living is given for the census years only.

During 1899 there were 14 deaths from Small-pox. The only years in which the State of Massachusetts has been exempt from Small-pox since 1851 were 1886, 1895, 1896 and 1898. The most noteworthy epidemic during the period of forty-nine years was in 1872-1873. Since that time the deaths from that disease have been comparatively few and the disease seems to be under complete control.

TABLE 59. — *Mortality from Small-pox. — Forty-nine Years.*

YEARS.	Deaths.	Percentages of Deaths to Deaths from all Causes.	Death-rates per 10,000 Living.	YEARS.	Deaths.	Percentages of Deaths to Deaths from all Causes.	Death-rates per 10,000 Living.
1851, . . .	117	·61	—	1876, . . .	31	·09	—
1852, . . .	33	·18	—	1877, . . .	24	·08	—
1853, . . .	38	·19	—	1878, . . .	2	·007	—
1854, . . .	207	·97	—	1879, . . .	7	·02	—
1855, . . .	325	1·56	2·9	1880, . . .	38	·11	·21
1856, . . .	140	·68	—	1881, . . .	47	·13	—
1857, . . .	23	·11	—	1882, . . .	45	·12	—
1858, . . .	12	·10	—	1883, . . .	5	·01	—
1859, . . .	255	1·22	—	1884, . . .	3	·008	—
1860, . . .	334	1·45	2·7	1885, . . .	19	·05	·10
1861, . . .	33	·14	—	1886, . . .	—	—	—
1862, . . .	40	·17	—	1887, . . .	3	·007	—
1863, . . .	42	·15	—	1888, . . .	8	·019	—
1864, . . .	242	·84	—	1889, . . .	6	·014	—
1865, . . .	221	·84	1·7	1890, . . .	1	·002	·005
1866, . . .	141	·59	—	1891, . . .	3	·006	—
1867, . . .	196	·82	—	1892, . . .	2	·004	—
1868, . . .	20	·08	—	1893, . . .	9	·018	—
1869, . . .	59	·22	—	1894, . . .	33	·070	—
1870, . . .	131	·48	·9	1895, . . .	—	—	—
1871, . . .	294	1·05	—	1896, . . .	—	—	—
1872, . . .	1,029	2·94	—	1897, . . .	4	·008	—
1873, . . .	668	1·97	—	1898, . . .	—	—	—
1874, . . .	26	·08	—	1899, . . .	14	·029	—
1875, . . .	34	·09	·2				

Measles. — Table 60 presents the mortality from Measles for a period of thirty-nine years. The highest rate per 10,000 living in census years during this period was 1.8 in 1870, and the lowest in 1895. The smallest number of deaths was in 1879 when only 19 deaths were reported.

TABLE 60. — *Mortality from Measles. — Thirty-nine Years. — 1861-1899.*

YEARS.	Deaths.	Deaths to 100 Deaths from all Causes.	Death-rates Per 10,000 Living.	YEARS.	Deaths.	Deaths to 100 Deaths from all Causes.	Death-rates Per 10,000 Living.
1861, .	209	·86	—	1881, .	230	·63	—
1862, .	369	1·59	—	1882, .	68	·19	—
1863, .	142	·51	—	1883, .	321	·85	—
1864, .	320	1·13	—	1884, .	75	·23	—
1865, .	136	·52	1·1	1885, .	313	·82	1·6
1866, .	109	·46	—	1886, .	130	·35	—
1867, .	194	·85	—	1887, .	455	1·12	—
1868, .	287	1·12	—	1888, .	219	·52	—
1869, .	222	·85	—	1889, .	171	·41	—
1870, .	269	·98	1·8	1890, .	114	·26	·5
1871, .	131	·47	—	1891, .	236	·52	—
1872, .	428	1·22	—	1892, .	88	·18	—
1873, .	180	·53	—	1893, .	276	·56	—
1874, .	161	·50	—	1894, .	98	·21	—
1875, .	233	·67	1·4	1895, .	117	·24	·4
1876, .	47	·14	—	1896, .	137	·28	—
1877, .	135	·44	—	1897, .	158	·33	—
1878, .	305	1·00	—	1898, .	82	·18	—
1879, .	19	·06	—	1899, .	241	·51	—
1880, .	236	·67	1·3				

Scarlet Fever. — In table 61 are presented the statistics by counties of the deaths from Scarlet fever for the years 1898 and 1899 and in table 62 is presented the mortality from Scarlet fever for a period of thirty-nine years. The largest number of deaths from this disease occurred in 1875 and the lowest number in 1898. The number of deaths in 1899 was 235, an increase of 94 as compared with 1898 and 167 less deaths than the average of the ten-year period 1890-1899.

In the number of deaths by counties there is an increase in all the counties except Dukes and Nantucket, where there were no deaths from this cause in either year. There have been no deaths from Scarlet fever in Nantucket since 1893.

TABLE 61. — *Mortality from Scarlet fever, by Counties. — 1898 and 1899.*

COUNTIES.	DEATHS.		COUNTIES.	DEATHS.	
	1898.	1899.		1898.	1899.
Barnstable, . .	2	3	Middlesex, . .	32	40
Berkshire, . .	3	7	Nantucket, . .	—	—
Bristol, . . .	13	20	Norfolk, . . .	3	4
Dukes,	—	—	Plymouth, . .	1	3
Essex,	19	24	Suffolk, . . .	40	85
Franklin, . . .	—	2	Worcester, . .	25	36
Hampden, . . .	3	8			
Hampshire, . .	—	3	The State, . .	141	235

TABLE 62. — *Mortality from Scarlet fever. — 1861–1899.*

YEARS.	Deaths.	Percentages of Deaths to Deaths from all Causes.	Death-rates per 10,000 Living.	YEARS.	Deaths.	Percentages of Deaths to Deaths from all Causes.	Death-rates per 10,000 Living.
1861, . . .	1,137	4.66	—	1881, . . .	397	1.09	—
1862, . . .	1,261	5.42	—	1882, . . .	318	.87	—
1863, . . .	1,399	5.01	—	1883, . . .	575	1.52	—
1864, . . .	1,503	5.21	—	1884, . . .	627	1.69	—
1865, . . .	807	3.06	6.4	1885, . . .	587	1.54	3.0
1866, . . .	385	1.58	—	1886, . . .	331	.89	—
1867, . . .	828	3.63	—	1887, . . .	594	1.46	—
1868, . . .	1,369	5.35	—	1888, . . .	504	1.19	—
1869, . . .	1,405	5.39	—	1889, . . .	185	.44	—
1870, . . .	683	2.49	4.7	1890, . . .	196	.45	.87
1871, . . .	867	3.10	—	1891, . . .	246	.54	—
1872, . . .	1,377	3.93	—	1892, . . .	669	1.37	—
1873, . . .	1,472	4.34	—	1893, . . .	810	1.65	—
1874, . . .	1,382	4.33	—	1894, . . .	649	1.38	—
1875, . . .	1,684	4.81	10.2	1895, . . .	483	1.01	1.93
1876, . . .	1,222	3.79	—	1896, . . .	249	.50	—
1877, . . .	467	1.53	—	1897, . . .	342	.72	—
1878, . . .	404	1.33	—	1898, . . .	141	.30	—
1879, . . .	850	2.63	—	1899, . . .	235	.49	—
1880, . . .	574	1.63	3.2				

Diphtheria and Croup. — The number of deaths from these combined causes in 1899 was 1,047 which was 341 more than the number reported in 1898, 379 less than the number in 1897 and less than that of any year since 1875 except 1898.

In table 63 is stated the number of deaths by counties from these combined causes in 1898 and 1899.

TABLE 63. — *Deaths from Diphtheria and Croup by Counties. — 1898 and 1899.*

COUNTIES.	DEATHS FROM DIPHTHERIA AND CROUP.		COUNTIES.	DEATHS FROM DIPHTHERIA AND CROUP.	
	1898.	1899.		1898.	1899.
Barnstable, . .	3	7	Middlesex, . .	132	165
Berkshire, . .	16	18	Nantucket, . .	—	—
Bristol, . . .	43	67	Norfolk, . . .	30	43
Dukes,	—	—	Plymouth, . .	6	19
Essex,	141	142	Suffolk, . . .	189	339
Franklin, . . .	5	6	Worcester, . .	82	121
Hampden, . . .	49	107			
Hampshire, . .	10	13	The State, . .	706	1,047

TABLE 64. — *Mortality from Diphtheria and Croup. — Thirty-nine Years.*

YEARS.	DEATHS.			PERCENTAGES OF DEATHS FROM ALL CAUSES.			DEATHS TO EVERY 10,000 LIVING.		
	Croup.	Diphtheria.	Totals.	Croup.	Diphtheria.	Totals.	Croup.	Diphtheria.	Totals.
1861, .	461	643	1,104	1·89	2·64	4·53	—	—	—
1862, .	484	663	1,147	2·08	2·85	4·93	—	—	—
1863, .	864	1,420	2,284	3·09	5·08	8·17	—	—	—
1864, .	768	1,231	1,999	2·66	4·27	6·93	—	—	—
1865, .	504	672	1,176	1·91	2·56	4·47	4·0	5·3	9·3
1866, .	431	399	830	1·79	1·65	3·44	—	—	—
1867, .	366	251	607	1·53	1·07	2·60	—	—	—
1868, .	485	297	782	1·92	1·18	3·10	—	—	—
1869, .	473	296	769	1·84	1·15	2·99	—	—	—
1870, .	434	242	676	1·61	·89	2·50	2·9	1·7	4·6
1871, .	473	274	747	1·69	·97	2·66	—	—	—
1872, .	480	273	753	1·88	·78	2·16	—	—	—
1873, .	435	310	745	1·28	·92	2·20	—	—	—
1874, .	411	502	913	1·28	1·56	2·84	—	—	—
1875, .	680	1,200	1,880	1·92	3·39	5·31	4·1	7·3	11·4
1876, .	684	2,610	3,294	2·13	8·11	10·24	—	—	—
1877, .	544	2,634	3,178	1·78	8·65	10·43	—	—	—
1878, .	583	1,934	2,517	1·91	6·35	8·26	—	—	—
1879, .	559	1,734	2,293	1·69	5·24	6·93	—	—	—
1880, .	625	1,769	2,394	1·77	5·01	6·78	3·6	9·9	13·5
1881, .	677	1,706	2,383	1·88	4·67	6·55	—	—	—
1882, .	491	1,280	1,771	1·33	3·48	4·81	—	—	—
1883, .	530	1,091	1,621	1·40	2·89	4·29	—	—	—
1884, .	562	1,084	1,646	1·52	2·93	4·45	—	—	—
1885, .	520	1,003	1,523	1·36	2·62	3·98	2·7	5·1	7·8
1886, .	505	1,053	1,558	1·36	2·82	4·18	—	—	—
1887, .	532	1,096	1,628	1·30	2·68	3·99	—	—	—
1888, .	500	1,331	1,831	1·19	3·16	4·35	—	—	—
1889, .	484	1,730	2,214	1·16	4·14	5·30	—	—	—
1890, .	387	1,239	1,626	·89	2·85	3·74	1·7	5·5	7·3
1891, .	311	907	1,218	·69	2·01	2·70	—	—	—

TABLE 64. — Concluded.

YEARS.	DEATHS.			PERCENTAGES OF DEATHS FROM ALL CAUSES.			DEATHS TO EVERY 10,000 LIVING.		
	Croup.	Diph- theria.	Totals.	Croup.	Diph- theria.	Totals.	Croup.	Diph- theria.	Totals.
1892, .	350	1,105	1,455	·72	2·26	2·98	—	—	—
1893, .	322	1,072	1,394	·66	2·18	2·84	—	—	—
1894, .	293	1,508	1,801	·63	3·22	3·85	—	—	—
1895, .	352	1,432	1,784	·74	3·01	3·75	1·4	5·7	7·1
1896, .	353	1,324	1,677	·71	2·68	3·39	—	—	—
1897, .	319	1,107	1,426	·67	2·33	3·01	—	—	—
1898, .	158	548	706	·34	1·17	1·51	—	—	—
1899, .	181	866	1,047	·38	1·82	2·20	—	—	—

Typhoid Fever. — The number of deaths from this disease in 1899 was 612 which was the lowest number since 1860 except 1897. Its percentage of deaths to deaths from all causes was 1·28.

Table 65 presents the statistics of deaths from this disease for thirty-nine years, 1861–1899.

In table 66 are presented the deaths by counties from 1890–1899.

TABLE 65. — *Mortality from Typhoid Fever. — 1861–1899. — Thirty-nine Years.*

YEARS.	Deaths.	Percentage of Deaths to Deaths from all Causes.	Death-rates per 10,000 Living.	YEARS.	Deaths.	Percentage of Deaths to Deaths from all Causes.	Death-rates per 10,000 Living.
1861, . .	989	4·06	—	1881, . .	1,072	2·94	—
1862, . .	1,135	4·88	—	1882, . .	1,079	2·94	—
1863, . .	1,442	5·16	—	1883, . .	860	2·28	—
1864, . .	1,344	4·66	—	1884, . .	875	2·35	—
1865, . .	1,694	6·43	13·4	1885, . .	768	2·02	3·9
1866, . .	1,091	4·53	—	1886, . .	800	2·15	—
1867, . .	965	4·24	—	1887, . .	922	2·26	—
1868, . .	896	3·49	—	1888, . .	943	2·24	—
1869, . .	1,205	4·62	—	1889, . .	891	2·13	—
1870, . .	1,333	4·88	9·1	1890, . .	835	1·92	3·7
1871, . .	1,116	3·99	—	1891, . .	821	1·82	—
1872, . .	1,703	4·86	—	1892, . .	827	1·69	—
1873, . .	1,406	4·15	—	1893, . .	750	1·60	—
1874, . .	1,147	3·56	—	1894, . .	748	1·60	—
1875, . .	1,059	3·06	6·4	1895, . .	680	1·43	2·7
1876, . .	881	2·74	—	1896, . .	723	1·46	—
1877, . .	814	2·67	—	1897, . .	607	1·28	—
1878, . .	679	2·23	—	1898, . .	663	1·42	—
1879, . .	637	1·94	—	1899, . .	612	1·28	—
1880, . .	882	2·49	4·9				

TABLE 66. — *Deaths from Typhoid Fever, by Counties. — 1890-1899.*

COUNTIES.	DEATHS.									
	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
Barnstable,	13	11	9	9	6	2	7	4	3	2
Berkshire,	35	38	35	30	47	46	41	29	35	23
Bristol,	56	72	66	64	63	55	63	83	55	59
Dukes,	-	1	3	4	1	1	1	1	2	3
Essex,	139	122	129	117	88	86	100	93	76	79
Franklin,	10	9	11	10	13	12	5	7	10	7
Hampden,	65	59	103	54	36	46	33	44	40	61
Hampshire,	15	17	12	17	18	6	8	4	7	18
Middlesex,	213	186	172	153	173	121	166	81	125	101
Nantucket,	-	-	-	-	-	-	-	-	-	-
Norfolk,	26	32	26	36	34	33	38	16	29	32
Plymouth,	24	26	26	19	23	26	28	22	21	12
Suffolk,	156	161	150	144	146	166	179	168	188	165
Worcester,	83	87	85	93	100	80	54	55	72	30
The State,	835	821	827	750	748	680	723	607	663	612

Diarrhœal Diseases. — The number of deaths attributed to this group, comprising Diarrhœa, Dysentery, Cholera Infantum, Cholera and Enteritis, was 3,922, a decrease of 450 deaths as compared with 1898.

TABLE 67. — *Diarrhœal Diseases.* — 1881-1899.

YEARS.	Diarrhœa.	Dysentery.	Cholera Infantum.	Cholera.	Enteritis.	Diarrhœal Diseases.
1881, . . .	458	360	1,861	68	456	3,203
1882, . . .	488	398	2,159	136	528	3,709
1883, . . .	516	336	1,941	84	523	3,400
1884, . . .	522	254	2,081	108	549	3,514
1885, . . .	450	253	1,852	86	608	3,249
1886, . . .	501	243	1,931	77	587	3,339
1887, . . .	560	266	2,131	68	622	3,713
1888, . . .	587	248	2,195	79	670	3,779
1889, . . .	593	299	2,156	77	710	3,835
1890, . . .	618	220	2,491	88	763	4,180
1891, . . .	639	234	2,771	103	874	4,621
1892, . . .	534	193	2,898	103	994	4,722
1893, . . .	543	231	2,704	93	1,096	4,667
1894, . . .	583	216	2,676	97	1,100	4,672
1895, . . .	486	209	2,377	77	1,026	4,175
1896, . . .	604	407	2,957	103	1,072	5,143
1897, . . .	469	209	2,231	67	1,069	4,045
1898, . . .	454	293	2,320	73	1,232	4,372
1899, . . .	382	268	1,964	70	1,238	3,922

Cholera Infantum. — The number of deaths from this disease in 1899 was 1,964 which was 356 less than the number reported in the previous year. The mortality from this cause was smaller than that of any year since 1886. The number of males

that died from this cause during the year was 1,049 and the number of females, 915.

TABLE 68. — *Mortality from Cholera Infantum, 1871–1899.*

YEARS.	Deaths from Cholera Infantum.	Death-rate per 10,000 of Population.	YEARS.	Deaths from Cholera Infantum.	Death-rate per 10,000 of Population.
1871, . .	1,718	—	1886, . .	1,931	—
1872, . .	3,254	—	1887, . .	2,131	—
1873, . .	2,553	—	1888, . .	2,195	—
1874, . .	2,322	—	1889, . .	2,156	—
1875, . .	2,606	15·77	1890, . .	2,491	11·13
1876, . .	2,087	—	1891, . .	2,771	—
1877, . .	1,927	—	1892, . .	2,898	—
1878, . .	1,573	—	1893, . .	2,704	—
1879, . .	1,349	—	1894, . .	2,676	—
1880, . .	2,118	11·31	1895, . .	2,377	9·50
1881, . .	1,861	—	1896, . .	2,957	—
1882, . .	2,159	—	1897, . .	2,231	—
1883, . .	1,941	—	1898, . .	2,320	—
1884, . .	2,081	—	1899, . .	1,964	—
1885, . .	1,852	9·52			

Consumption. — The number of deaths registered from Consumption in 1899 was 5,221, which was 67 less deaths than the number registered in the previous year. In the accompanying table, where the mortality from this disease is given for a period of twenty-nine years, it will be observed that there has been a decrease in the number of deaths, and that the death-rate per 10,000 of the population has steadily decreased from 1872. The average death-rate of Pulmonary Consumption for the decade 1871–1880 was 32·7, the decade 1881–1890, 29·2, and the five-year period 1891–1895, 23·1. A comparison of the years 1898 and 1899 shows that the number

of deaths from this cause was less in Hampden, Hampshire, Middlesex, Nantucket, Suffolk and Worcester counties and greater in all the others.

TABLE 69. — *Mortality from Pulmonary Consumption. — Twenty-nine Years.*

YEARS.	Deaths.	Death-rate per 10,000 of Population.	YEARS.	Deaths.	Death-rate per 10,000 of Population.
1871, . .	5,070	—	1886, . .	5,897	—
1872, . .	5,556	—	1887, . .	5,871	—
1873, . .	5,556	—	1888, . .	5,728	—
1874, . .	5,284	—	1889, . .	5,581	—
1875, . .	5,738	34·7	1890, . .	5,791	25·9
1876, . .	5,327	—	1891, . .	5,484	—
1877, . .	5,457	—	1892, . .	5,729	—
1878, . .	5,334	—	1893, . .	5,527	—
1879, . .	5,223	—	1894, . .	5,463	—
1880, . .	5,494	30·8	1895, . .	5,486	21·9
1881, . .	5,886	—	1896, . .	5,536	—
1882, . .	5,865	—	1897, . .	5,431	—
1883, . .	5,931	—	1898, . .	5,288	—
1884, . .	5,798	—	1899, . .	5,221	—
1885, . .	5,955	30·7			

TABLE 70. — *Mortality from Pulmonary Consumption, by Counties. 1898 and 1899.*

COUNTIES.	DEATHS.		COUNTIES.	DEATHS.	
	1898.	1899.		1898.	1899.
Barnstable, . .	39	47	Middlesex, . .	1,073	1,035
Berkshire, . .	124	135	Nantucket, . .	5	1
Bristol, . .	456	464	Norfolk, . .	227	242
Dukes, . .	3	9	Plymouth, . .	197	207
Essex, . .	591	607	Suffolk, . .	1,535	1,490
Franklin, . .	59	62	Worcester, . .	586	545
Hampden, . .	313	299			
Hampshire, . .	80	78	The State, . .	5,288	5,221

Pneumonia. — The number of deaths from Pneumonia in 1899 was 4,993 an increase over the preceding year of 787 deaths. During the first quarter of the year there were 45·28 per cent. of all the deaths from this cause, 22·79 per cent. in the second quarter, 9·64 per cent. in the third quarter, and 22·29 per cent. in the fourth quarter of the year.

In the comparison of the counties for the years 1898 and 1899 it will be observed that there is an increase in deaths in every county, except Hampden, Hampshire, Nantucket, Suffolk and Worcester.

TABLE 71. — *Mortality from Pneumonia, by Months and Quarters, 1899.*

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Months, . .	1,033	711	567	507	385	246	139	131	161	227	364	522
Quarters, . .	2,311			1,138			431			1,113		
Percentages, .	45.28			22.79			9.64			22.29		

TABLE 72. — *Deaths from Pneumonia, by Counties. — 1898 and 1899.*

COUNTIES.	DEATHS		COUNTIES.	DEATHS.	
	1898.	1899.		1898.	1899.
Barnstable, . . .	30	53	Middlesex, . . .	827	929
Berkshire, . . .	135	149	Nantucket, . . .	3	5
Bristol, . . .	310	454	Norfolk, . . .	205	185
Dukes, . . .	1	6	Plymouth, . . .	98	148
Essex, . . .	440	579	Suffolk, . . .	1,312	1,515
Franklin, . . .	60	64	Worcester, . . .	467	557
Hampden, . . .	245	228			
Hampshire, . . .	73	91	The State, . . .	4,206	4,993

Whooping Cough. — The number of deaths from this disease in 1899 was 338, which was one more than the number reported in 1898, and 167 more than the number reported in 1897.

TABLE 73. — *Mortality from Whooping Cough, by Counties. — 1890–1899.*

COUNTIES.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
Barnstable,	2	1	1	1	5	2	1	1	1	3
Berkshire,	19	6	4	4	13	4	7	3	6	5
Bristol,	44	12	36	23	38	11	32	14	16	37
Dukes,	—	—	—	—	1	—	—	—	1	3
Essex,	72	19	25	50	40	36	38	15	75	60
Franklin,	2	4	3	1	—	12	1	—	—	2
Hampden,	14	14	23	17	21	20	17	10	22	14
Hampshire,	12	5	2	2	4	19	1	2	6	6
Middlesex,	62	40	40	41	95	43	75	51	57	66
Nantucket,	—	—	—	—	—	—	1	—	—	—
Norfolk,	15	9	5	12	24	10	8	10	17	12
Plymouth,	16	6	8	8	19	9	7	17	6	11
Suffolk,	72	75	71	63	134	58	81	44	82	89
Worcester,	33	28	30	52	41	45	13	4	48	30
The State,	363	219	248	274	435	269	282	171	337	338

Brain Diseases. — The number of deaths from this group of diseases, which includes apoplexy, paralysis, softening of the brain, insanity, cephalitis, and other unspecified diseases of the brain, in 1899 was 5,591, which was less by 80 deaths than the number reported in the previous year, but 315 larger than that of 1897.

TABLE 74. — *Deaths from Brain Diseases. Thirty-nine Years. — 1861–1899.*

YEARS.	Softening of the Brain.	Apoplexy.	Paralysis.	Insanity.	Cephalitis and Unspecified Brain Diseases.	Totals.
1861,	42	274	417	61	764	1,558
1862,	48	251	401	66	716	1,482
1863,	38	268	471	62	798	1,632
1864,	46	321	473	64	1,068	1,972
1865,	43	263	479	75	964	1,824
1866,	58	261	487	106	885	1,797
1867,	41	281	469	111	806	1,708
1868,	56	311	630	91	922	2,010
1869,	67	331	607	87	923	2,015
1870,	74	394	630	103	968	2,169
1871,	71	390	714	89	998	2,262
1872,	94	409	791	103	1,487	2,884
1873,	90	431	858	88	1,184	2,651
1874,	103	433	775	100	1,134	2,545
1875,	99	460	896	118	1,142	2,715
1876,	95	507	826	146	1,053	2,627
1877,	109	544	873	112	1,011	2,649
1878,	118	562	895	152	1,182	2,909
1879,	105	663	928	118	1,132	2,946
1880,	121	746	933	142	1,422	3,364
1881,	112	715	998	129	1,398	3,355
1882,	112	706	1,047	153	1,375	3,393
1883,	122	784	1,056	183	1,417	3,562
1884,	136	857	1,119	166	1,391	3,669
1885,	126	1,003	1,132	188	1,445	3,894
1886,	118	973	1,173	151	1,429	3,844
1887,	118	1,225	1,249	145	1,520	4,257
1888,	117	1,233	1,277	204	1,691	4,522
1889,	121	1,220	1,146	214	1,612	4,313
1890,	109	1,301	1,235	188	1,556	4,389
1891,	129	1,464	1,214	236	1,668	4,711
1892,	119	1,603	1,277	253	1,784	5,036
1893,	124	1,655	1,210	272	1,883	5,144
1894,	113	1,718	1,145	285	1,734	4,995
1895,	107	1,813	1,193	234	1,715	5,062
1896,	113	2,035	1,192	238	1,826	5,404
1897,	100	1,988	1,084	258	1,846	5,276
1898,	115	2,103	1,147	249	2,057	5,671
1899,	94	2,162	1,071	220	2,044	5,591

Alcoholism.—The number of deaths recorded in 1899 as due to this cause, including delirium tremens, was 170, an increase of 9 deaths as compared with the number reported in 1898. There is a marked difference in the number of deaths from this cause between the returns of the registrars and those of the medical examiners.

Of the whole number of deaths from this cause 135 or 79·41 per cent. were of men and 35 or 20·59 per cent. were of women.

TABLE 75.—*Deaths from Alcoholism.*—1871–1899.

YEARS.	Deaths.	Ratios to Total Mortality.	Death-rates per 100,000 Living.	YEARS.	Deaths.	Ratios to Total Mortality.	Death-rates per 100,000 Living.
1871, . .	88	3·2	—	1886, . .	108	2·9	—
1872, . .	134	3·8	—	1887, . .	111	2·7	—
1873, . .	109	3·2	—	1888, . .	126	2·9	—
1874, . .	107	3·3	—	1889, . .	122	2·9	—
1875, . .	87	2·5	5·2	1890, . .	151	3·5	6·7
1876, . .	86	2·6	—	1891, . .	182	4·0	—
1877, . .	52	1·6	—	1892, . .	193	3·9	—
1878, . .	65	2·1	—	1893, . .	205	4·2	—
1879, . .	68	2·1	—	1894, . .	150	3·2	—
1880, . .	112	3·2	6·3	1895, . .	178	3·7	7·1
1881, . .	123	3·3	—	1896, . .	195	4·0	—
1882, . .	126	3·4	—	1897, . .	139	2·9	—
1883, . .	113	2·9	—	1898, . .	161	3·5	—
1884, . .	125	3·4	—	1899, . .	170	3·6	—
1885, . .	122	3·2	6·3				

In table 76 are presented the statistics of deaths by Cancer for a period of twenty-nine years, and from this table it appears that the rate in the census years per 10,000 of population has increased from 3·5 in 1875 to 7·0 in 1895, the highest since

the commencement of registration. The deaths of females from this cause comprise about two-thirds of the total deaths from cancer.

TABLE 76. — *Mortality from Cancer, for Twenty-nine Years. — 1871-1899.*

YEARS.	Deaths.	Death-rates per 10,000 of Population.	YEARS.	Deaths.	Death-rates per 10,000 of Population.
1871, . .	551	—	1886, . .	1,104	—
1872, . .	542	—	1887, . .	1,174	—
1873, . .	611	—	1888, . .	1,275	—
1874, . .	585	—	1889, . .	1,325	—
1875, . .	593	3·5	1890, . .	1,387	6·2
1876, . .	657	—	1891, . .	1,395	—
1877, . .	646	—	1892, . .	1,402	—
1878, . .	807	—	1893, . .	1,533	—
1879, . .	862	—	1894, . .	1,568	—
1880, . .	928	5·6	1895, . .	1,749	7·0
1881, . .	949	—	1896, . .	1,798	—
1882, . .	987	—	1897, . .	1,739	—
1883, . .	1,026	—	1898, . .	1,907	—
1884, . .	1,060	—	1899, . .	1,838	—
1885, . .	1,087	5·6			

In table 77 are presented the statistics of deaths from Bright's Disease, Nephritis, other Kidney diseases, and Dropsy, with the ratios to the total mortality. In this table Dropsy, which is only a symptom of disease, was in the earlier years of registration largely certified as a cause of death. It has materially decreased since 1882, so that in 1899 the number of deaths ascribed to this cause was only 69.

Diseases of the Kidneys. — For reasons set forth in the report of 1886, the diseases of the kidneys are considered in one group.

TABLE 77.— *Mortality from Bright's Disease, Nephritis and other Kidney Diseases, and from Dropsy, and Ratios to total Mortality. Forty-nine Years.*

YEARS.	Total Mortality.	Deaths from Bright's Disease, Nephritis and other Kidney Diseases.	Ratio to Total Mortality per 1,000.	Deaths from Dropsy.	Ratio to Total Mortality per 1,000.	TOTALS.	Ratio to Total Mortality per 1,000.
1851,	18,934	27	1.4	390	20.6	417	22.0
1852,	18,482	32	1.7	418	22.6	450	24.3
1853,	20,301	35	1.7	465	22.9	500	24.6
1854,	21,414	38	1.8	474	22.1	512	23.9
1855,	20,798	56	2.7	501	24.1	557	26.8
1856,	20,734	51	2.5	487	23.4	538	25.9
1857,	21,280	45	2.1	512	24.1	557	26.2
1858,	20,776	42	2.0	481	23.2	538	25.2
1859,	20,976	56	2.7	522	24.9	578	27.6
1860,	23,068	67	2.9	470	20.4	537	23.3
1861,	24,085	91	3.7	440	18.3	531	22.0
1862,	22,974	96	4.2	467	20.3	563	24.5
1863,	27,751	111	4.0	533	19.2	644	23.2
1864,	28,723	130	4.5	502	17.5	632	22.0
1865,	26,152	173	6.6	492	18.8	665	25.4
1866,	23,637	135	5.7	462	19.5	597	25.2
1867,	22,772	161	7.1	421	18.5	582	25.6
1868,	25,603	206	8.0	470	18.4	676	26.4
1869,	26,054	239	9.2	458	17.6	697	26.8
1870,	27,329	286	10.5	491	17.9	777	28.4
1871,	27,943	370	13.2	527	18.9	897	32.1
1872,	35,019	376	10.7	618	17.6	994	28.3
1873,	33,912	460	13.5	545	16.1	1,005	29.6
1874,	31,887	463	14.5	469	14.7	932	29.2
1875,	34,978	509	14.5	474	13.6	983	28.1
1876,	33,186	488	14.7	445	13.4	933	28.1
1877,	31,342	535	17.1	412	13.1	947	30.2
1878,	31,303	615	19.6	370	11.8	985	31.4
1879,	31,801	693	21.8	380	11.9	1,073	33.7
1880,	35,292	698	19.7	271	7.7	969	27.4
1881,	36,458	825	22.6	292	8.0	1,117	30.6
1882,	36,785	877	23.8	313	8.5	1,190	32.3
1883,	37,748	959	25.4	296	7.8	1,255	33.2
1884,	36,990	1,000	27.0	234	6.3	1,234	33.3
1885,	38,094	1,088	28.6	244	6.4	1,332	35.0
1886,	37,244	1,135	30.5	219	5.9	1,354	36.4
1887,	40,763	1,120	27.4	212	5.2	1,332	32.7
1888,	42,097	1,318	31.3	204	4.8	1,522	36.2
1889,	41,777	1,258	30.1	161	3.8	1,419	33.9
1890,	43,528	1,273	30.0	175	4.0	1,448	33.3
1891,	45,185	1,474	32.6	166	3.7	1,640	36.3
1892,	48,762	1,535	31.5	130	2.7	1,665	34.1
1893,	49,084	1,637	32.3	161	3.3	1,798	36.6
1894,	46,791	1,721	36.8	123	2.6	1,844	39.4
1895,	47,540	1,860	39.1	88	1.8	1,948	41.0
1896,	49,381	1,945	39.4	122	2.5	2,067	41.9
1897,	47,419	1,943	41.0	88	1.9	2,031	42.9
1898,	46,761	2,120	45.3	85	1.8	2,205	47.2
1899,	47,710	2,151	45.1	69	1.4	2,220	46.5

Heart Disease. — In table 78 are presented the deaths from Heart Disease, and the ratios by sexes, for the census years from 1850 to 1895. The great fatality from this disease will be observed from this table. In 1850 the ratio to 10,000 of population was 3·54, in 1895 the ratio was 14·26. The ratio of males to females was 15·01 to 13·55 from this cause in 1895.

TABLE 78. — *Deaths from Heart Diseases and Ratios by Sexes.*
Census Years 1850-1895.

YEARS.	DEATHS FROM HEART DISEASES.			Sex Un-known.	RATIOS TO 10,000 OF LIVING POPULATION.			Percentage of Total Mortality.
	Males.	Females.	Totals.		Males.	Females.	Totals.	
1850, . .	182	169	352	1	3·72	3·34	3·54	2·12
1855, . .	296	225	521	—	5·38	3·86	4·60	2·51
1860, . .	344	346	690	—	5·76	5·46	5·61	2·99
1865, . .	426	379	805	—	7·07	5·69	6·35	3·07
1870, . .	514	447	962	1	7·30	5·93	6·60	3·52
1875, . .	649	681	1,331	1	8·17	7·82	8·06	3·80
1880, . .	876	850	1,726	—	10·20	9·19	9·68	4·89
1885, . .	1,117	1,110	2,227	—	11·97	11·00	11·46	5·85
1890, . .	1,695	1,722	3,417	—	—	—	15·26	7·85
1895, . .	1,824	1,742	3,566	—	15·01	13·55	14·26	7·50

Malarial Fevers. — From Ague and Remittent Fever there were reported in 1899, 55 deaths, occurring in all the counties except Barnstable, Dukes, Franklin, Nantucket and Plymouth. Worcester, Middlesex, Essex and Bristol reported the largest number.

Syphilis. — From this disease there were reported 59 deaths, the largest number occurring in Middlesex and Suffolk counties.

Hydrophobia. — There were no deaths from Hydrophobia or from Glanders reported in 1899.

Anthrax or Malignant Pustule. — There were no deaths from Anthrax reported in 1899.

THE RETURNS OF MEDICAL EXAMINERS.

Chapter 379 of the Acts of 1885 provides that the Secretary of the Commonwealth “shall prepare, or cause to be prepared from such returns such tabular results as will render them of practical utility” and that these shall annually be reported “to the General Court, in connection with the report of the registry and return of births, marriages and deaths.”

In accordance with that provision tables I. and II. have been prepared. These tables include all cases where the cause of death has been investigated by the medical examiners, after notice that the death was supposed to have resulted from violence.

As in previous years a careful examination of the returns reveals the fact that the general authorities having to do with cases of sudden or violent or mysterious death still fail to appreciate the nature of the duties of the medical examiner, and it appears that he is often summoned in cases where under the wording and intent of the statute he is not only not required to act but is actually prohibited from acting.

“Medical examiners shall make examination as hereinafter provided upon the view of the dead bodies of such persons *only* as are supposed to have come to their death by *violence*.” Sec. 10, Chap. 26, Public Statutes.

The returns for the year 1899 show that 37 per cent. of all the cases examined were cases where the death was from natural causes, as compared with 32·97 per cent. in 1898, and if there be included cases where the cause was unknown or ill-defined the percentage in 1899 was 39·9 as compared with 35·7 in 1898. The returns for the last decade show that during the entire period the cases of death from natural causes “including alcoholism” amounted to an average of 37·19 per cent. yearly, a decrease as compared with the decade 1889–1898, when this class comprised practically one-half of all the cases examined.

The editor admits that to draw a hard and fast line between cases that should be investigated by the medical examiner and those which should not is a matter of such difficulty as to almost amount to an impossibility; for instance, in the year 1899 the medical examiners investigated 65 cases, or 2·7 per cent. of the whole number investigated, where the death was returned as from “still birth” or “premature birth.” Undoubtedly many of these cases were such that a reasonable supposition of infanticide may have been entertained thus clearly bringing the cases within the province of the medical examiner; on the other hand very many were cases of fœtuses in the earliest stages of development which could not at any time have been considered “persons” whose “dead bodies” were to be the subject of official investigation. The writer believes that the cause of death of a fœtus of non-viable age should not be a subject for investigation by a medical examiner, but inasmuch as the medical examiner is generally notified by some one not having the medical knowledge requisite to enable him to differentiate between bodies of infants viable and those non-viable, there seems no way of relieving the examiner from the duty of viewing all cases of infants whose death he is called upon to investigate.

There is, however, as shown by the returns a very large number of cases to which the medical examiner is called, which on the face of things could not have been attended with circumstances causing a supposition of violence. Such cases are those of heart disease, apoplexy and even phthisis, where the death was simply sudden or where no physician had been in recent attendance. To such cases the medical examiner is called in order that a certificate for burial may be obtained, thus putting upon this official the duties which properly belong to another; namely, the city or town physician, or the family physician.

On the other hand, it is not easy to see why cases of deaths from alcoholism are not cases for the medical examiner in every instance. Aside from the cases where alcohol is simply a contributory factor in an accidental, suicidal or homicidal death, a death from alcoholism seems as clearly to be a death from violence, that is, from a cause not natural, as is a case of opium poisoning, and it seems to the writer that such deaths should be classified among the deaths from accident and not grouped with the deaths from natural causes.

The so-called "medical examiner" law has been now in operation more than twenty-two years, and nearly half of the cases investigated receive the attention of the examiner after notification by persons who possibly do not comprehend his duties, and who call upon the medical examiner to perform unnecessary labor and impose upon the various counties unnecessary and illegitimate expense. It is, however, possible that a proper appreciation of the intent of the provisions of the statute may obtain in the future.

It appears from a comparison of the tables based upon the returns of the registrars and those based upon the returns of the medical examiners that there is a discrepancy especially as to the deaths from homicide and suicide. For instance from the returns of the medical examiners it appears that in the State in 1899 there were 319 cases of suicide, while in the returns by the registrars the number is given as 291, a difference of 28 deaths. The reason for this discrepancy is sufficiently obvious, and it is fair to assume that the returns of the medical examiners are the more accurate.

The question of homicide, suicide or accident is often not determined until after the certificate for burial purposes has been furnished to the registrar. This is notably true in cases of hypothetical poisoning, where the long process of chemical examination is necessary for an accurate determination of the facts.

Table 79 sets forth the relative proportion of views to autopsies in the different counties and the whole State for the ten year period 1890-1899.

TABLE 79. — *Views and Autopsies for Ten Years, 1890–1899, arranged by Counties with Ratio of Autopsies to Views for the Individual Counties and the Whole State.*

COUNTIES.	1890.		1891.		1892.		1893.		1894.		1895.		1896.		1897.		1898.		1899.		TOTALS 10 YEARS.		RATIO OF AUTOPSIES TO VIEWS.
	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	Views.	Autopsies.	
Barnstable, .	21	5	16	1	23	1	39	1	19	3	20	1	20	2	15	-	80	1	27	2	270	17	1 to 15·9
Berkshire, .	67	9	55	7	80	6	67	6	64	5	56	6	65	2	61	10	70	7	68	5	653	63	1 to 10·3
Bristol, .	155	9	167	20	264	39	264	41	243	25	241	24	253	16	261	13	272	11	244	12	2,341	209	1 to 11·2
Dukes, .	2	0	4	0	5	1	3	0	10	0	7	1	1	-	4	-	18	-	8	-	64	2	1 to 32·0
Essex, .	231	18	232	16	237	22	243	12	227	19	269	19	306	26	239	13	308	21	298	18	2,562	182	1 to 15·2
Franklin, .	29	2	40	1	45	1	45	2	34	1	27	2	48	-	34	1	43	1	33	2	364	11	1 to 33·1
Hampden, .	127	11	145	10	184	13	179	22	128	22	161	20	180	19	175	22	186	14	181	19	1,645	173	1 to 9·5
Hampshire, .	27	1	39	2	33	5	36	2	25	0	32	2	38	-	51	5	39	1	49	2	366	23	1 to 15·9
Middlesex, .	256	17	317	32	343	42	336	27	341	37	403	32	401	37	378	36	443	37	426	33	3,664	331	1 to 11·1
Nantucket, .	2	0	0	0	2	2	2	0	2	0	1	0	1	-	1	-	4	-	-	-	15	2	1 to 7·5
Norfolk, .	107	1	65	5	79	7	76	4	103	7	107	12	89	8	96	4	131	4	116	5	969	67	1 to 17·0
Plymouth, .	41	2	44	7	54	8	47	4	45	0	51	7	52	3	58	5	99	4	73	8	562	50	1 to 11·2
Suffolk, .	554	122	514	113	601	115	601	123	631	137	644	128	655	77	624	120	644	97	625	130	6,072	1,133	1 to 5·3
Worcester, .	154	9	202	11	260	10	283	25	287	16	298	17	307	23	282	16	311	32	301	32	2,653	195	1 to 13·8
The State,	1,773	206	1,840	225	2,210	272	2,221	269	2,159	272	2,317	271	2,416	213	2,279	245	2,648	230	2,449	268	20,290	2,448	1 to 8·3
Ratio,	8·6		8·2		8·1		8·3		7·9		8·5		11·3		9·3		11·5		10·9				

From table 79 it appears that the county of Suffolk, having the largest population, has the highest ratio of autopsies to views for the decade 1890-1899; and the county of Nantucket having the smallest population, has the next highest ratio of autopsies to views.

The total number of deaths the cause of which was investigated by the medical examiners in 1899 was 2,449. This number is less by 199 than the number reported in 1898 and 234 less than the average number reported during the ten years 1890-1899.

Of the cases investigated in 1899, 1,788 or 73 per cent. were those of males and 661 or 27 per cent. were those of females.

The following table gives the comparative data in the matter of sex for the ten years 1890-1899.

TABLE 80.

YEARS.	Males.	Percentage.	Females.	Percentage.	Unspecified.	Percentage.	Totals.
1890, . . .	1,303	73.5	449	25.5	21	1.2	1,773
1891, . . .	1,362	74.0	457	24.8	21	1.2	1,840
1892, . . .	1,642	74.3	560	25.3	8	0.4	2,210
1893, . . .	1,678	75.6	530	23.9	13	0.5	2,221
1894, . . .	1,649	76.4	505	23.4	5	0.2	2,159
1895, . . .	1,721	74.3	582	25.1	14	0.6	2,317
1896, . . .	1,773	73.3	638	26.4	5	0.3	2,416
1897, . . .	1,658	72.8	612	26.9	9	0.3	2,279
1898, . . .	1,961	74.0	683	25.8	4	0.2	2,648
1899, . . .	1,788	73.0	661	27.0	—	—	2,449
Totals, . .	16,535	74.1	5,677	25.4	100	0.5	22,312

Homicide. — The number of deaths reported as from homicide in 1899 was 57 or 2.29 per cent of the whole number investigated during the year, as compared with 79 or 2.98 per cent in 1898, 70 or 3.07 per cent in 1897, and 665 or 2.97 per cent for the decade 1890-1899.

Of the whole number 12 were cases of abortion, 31 were homicides by firearms, and 13 by other methods and there was one case of infanticide. There were no cases of homicidal poisoning reported during the year.

Suicide. — The number of deaths reported by the medical examiners in 1899 as from suicide was 319 or 13·03 per cent, as compared with 331 or 12·50 per cent in 1898, 285 or 12·51 per cent in 1897 and 2,751 or 12·25 per cent for the ten year period.

Methods of Suicide. — Of the whole number of suicides reported 80 were committed by firearms, 17 by cutting the throat or stabbing, 39 by drowning, 72 by hanging, 74 by poison, 2 by throwing the body in front of a moving train, 30 by illuminating gas, and 4 by leaping from a height.

Sex. — Of the 319 deaths reported as from suicide, 245 or 76·8 per cent were males and 74 or 23·2 per cent were females as compared with 251 or 75·83 per cent for males and 80 or 24·17 per cent for females in 1898. Of the suicides by illuminating gas 23 were males and 7 were females.

Of the 74 cases of suicide by poison 21 were by carbolic acid, 9 by arsenic and its compounds including “Rough on Rats,” 19 by opium in some form and 25 by other kinds of poison. Of the suicides by poisoning 48 were males and 26 were females.

Of the 97 cases of suicide reported as from shooting, cutting the throat, etc., all but 9 were males; of 39 cases of suicidal drowning 28 were males; of 72 cases of suicidal hanging 54 were males.

The mortality from suicide in the different counties for the year 1899 is presented in the following order: —

Suffolk,	117	Bristol,	11
Essex,	51	Plymouth,	10
Middlesex,	38	Barnstable,	5
Worcester,	36	Hampshire,	4
Hampden,	20	Franklin,	1
Norfolk,	14	Dukes,	1
Berkshire,	11	Nantucket,	0

Table 81 shows the number of deaths from suicide by counties and for the whole state for the ten years 1890–1899, and shows the ratio of suicide to total mortality by counties and state for the same period.

The ratio of death by suicide to the total mortality for the year 1899 was 6·7 per thousand, while the ratio for the ten year period was 5·8 per thousand.

TABLE 81. — *Deaths from Suicide by Counties. — 1890-1899.*

COUNTIES.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	TOTALS.	
											Numbers.	Ratio to total mortality per 1,000. 1890-1899.
The State,	196	187	274	290	270	281	318	285	331	319	2,751	5·8
Barnstable,	2	1	1	3	—	4	5	2	3	5	26	5·6
Berkshire,	13	4	5	9	16	8	5	6	6	11	83	5·8
Bristol,	16	7	16	22	10	13	20	12	18	11	145	2·9
Dukes,	1	—	—	—	—	2	—	—	—	1	4	4·5
Essex,	24	38	25	32	34	28	41	29	34	51	336	5·5
Franklin,	6	7	8	7	6	2	9	3	4	1	53	8·5
Hampden,	8	11	23	19	19	19	15	23	19	20	168	5·8
Hampshire,	4	3	2	8	4	3	4	7	2	4	41	4·6
Middlesex,	27	31	45	46	38	46	53	37	66	38	427	4·8
Nantucket,	1	—	—	—	1	—	—	—	2	—	3	4·3
Norfolk,	15	5	7	13	13	16	16	11	13	14	123	5·6
Plymouth,	5	7	10	11	13	10	14	10	18	10	108	6·3
Suffolk,	54	52	100	92	82	94	108	109	105	117	913	7·6
Worcester,	20	21	31	28	34	36	28	36	41	36	311	5·6

TABLE 82. — *Recapitulation 10 Years, 1890-1899.*

	HOMICIDE.		SUICIDE.		ACCIDENT OR NEGLIGENCE.		NATURAL AND UNKNOWN CAUSES, INCLUDING ALCOHOLISM.		Totals.
	Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages.	
1890, .	35	1.97	196	11.05	862	48.62	680	38.36	1,773
1891, .	60	3.26	187	10.16	866	47.06	727	39.52	1,840
1892, .	72	3.26	274	12.40	974	44.07	890	40.27	2,209
1893, .	76	3.42	290	13.06	976	43.95	879	39.57	2,221
1894, .	68	3.15	270	12.51	975	45.16	846	39.18	2,159
1895, .	74	3.19	281	12.13	1,019	43.98	943	40.70	2,317
1896, .	74	3.06	318	13.16	1,042	43.13	982	40.65	2,416
1897, .	70	3.07	285	12.51	961	42.17	963	42.25	2,279
1898, .	79	2.98	331	12.50	1,194	45.09	1,044	39.43	2,648
1899, .	57	2.29	319	13.03	1,001	48.69	1,072	35.99	2,449
Totals,	665	2.97	2,751	12.25	9,870	45.59	9,026	37.19	22,312

Accident or Negligence. — From accident or negligence there were reported in 1899, 1,001 or 48.69 per cent of all the cases investigated, as compared with 1,194 cases or 45.09 per cent in 1898, 961 cases or 42.17 per cent in 1897 and 9,870 cases or 45.59 per cent for the ten-year period, 1890-1899.

From all other causes, including alcoholism as well as unknown or ill-defined causes, usually of a sudden nature, there were reported 1,072 cases or 35.99 per cent, as compared with 1,044 cases or 39.43 per cent in 1898, 963 cases or 42.25 per cent in 1897, and 9,026 cases or 37.19 per cent for the ten-year period.

Of the deaths from accident the principal causes were as follows : —

By railroad accident,	250	By elevators,	20
drowning,	225	other machinery,	7
falls, blows and falling		poisons,	38
bodies,	173	illuminating gases,	35
burns, scalds, etc.,	86	exposure,	7
electric cars,	32	horses, etc.,	2
other vehicles, including		firearms,	14
bicycles,	34	lightning,	6
overlying,	13	electric shock,	9
other forms of asphyxia,	37		

Intemperance. — As to how far the abuse of alcoholic stimulants was a factor in the deaths reported as having been the subjects for official examination by the medical examiners the returns for 1899 lack, as in former years, though to a less extent, much in the way of completeness, and the continued lack of uniformity in the reports makes it a matter of considerable difficulty to arrive at a correct estimate of the number of deaths resulting wholly or in part from intemperance. The weight given this factor in any special case seems to depend largely upon the temperament, ideas and individuality of the respective medical examiners.

The number of persons who are reported as having died from intemperance in 1899 as stated in the tables constructed from the returns of the medical examiners is 7 less than the number reported in the tables in 1898 and was 3·79 per cent of the whole number of cases investigated, as compared with 3·78 per cent in 1898.

Influenza appears to have lost weight as a factor in suicide. The cheap and deadly illuminating gas now furnished shows an increasing roll of victims from accident, and its popularity as a method of suicide is not diminished.

STATISTICAL NOSOLOGY.

ADOPTED FOR REGISTRATION IN MASSACHUSETTS.

The following plan of a Nomenclature and Classification of Diseases does not essentially differ from that authorized by the Registrar-General of England to be used in the preparation of the "Weekly Return of Births and Deaths in London," and is also, with slight modifications, identical with that embodied in a report drawn up by William Farr, Esq., M.D., of London, for the consideration of the International Statistical Congress which met at Paris in September, 1855; which report was printed in the Appendix to the Sixteenth Registration Report of the Registrar-General, England.

NOTE.—This page and those that follow contain two lists of causes of death. The first—that on the left side—may be called the **TABULAR LIST**, and comprises all the heads which it is proposed to admit into the complete tables, and under which ALL deaths, from whatever cause, are finally distributed. It represents those diseases which, under the same terms, or terms strictly synonymous with them, are found in practice to occur most frequently.

THE **SUPPLEMENTAL LIST** is *subordinate* to the first, and contains the principal *special* diseases which it may be considered desirable to note. The figures in this list indicate the corresponding numbers of the tabular list under which such diseases are ultimately arranged.

CAUSES OF DEATH.

TABULAR LIST.	SUPPLEMENTAL LIST.
CLASS I.—ZYMOTIC DISEASES.	<i>Of Diseases of Special Character, or rarely fatal.</i>
ORDER 1.— <i>Miasmatic.</i>	
<p>I. 1.—1. Small-pox</p> <p>2. Measles</p> <p>3. Scarlatina</p> <p>4. Diphtheria</p> <p>5. Cerebro-spinal Meningitis</p> <p>6. Quinsy</p> <p>7. Croup</p> <p>8. Whooping Cough</p> <p>9. Typhoid (and Infantile Fever)</p> <p>10. Erysipelas</p> <p>11. Metria (Puerperal Fever)</p> <p>12. Carbuncle</p> <p>13. Influenza</p> <p>14. Dysentery</p> <p>15. Diarrhœa</p>	<p>I. 1.—1. Vaccination not stated. Small-pox (second attack). After vaccination. Erysipelas, &c., after vaccination. Chicken pox. Miliaria. 3. Angina maligna. 5. "Spotted fever." 6. Mumps. Tonsillitis. 9. Typhus fever. 10. Pyæmia. Hospital gangrene. Erythema. 11. Childbed fever. 12. Anthrax.</p>

CAUSES OF DEATH—(CONTINUED).

TABULAR LIST.	SUPPLEMENTAL LIST.
CLASS I.—(CONTINUED).	
ORDER 1.— <i>Miasmatic</i> .	
I. 1.—16. Cholera Infantum 17. Cholera 18. Ague 19. Remittent Fever 20. Rheumatism	18. Intermittent fever. 19. Yellow fever. 20. Rheumatism, with pericarditis, or disease of heart.
ORDER 2.— <i>Euthetic</i> .	
I. 2.—1. Syphilis 2. Stricture of Urethra 3. Hydrophobia 4. Glanders 5. Malignant Pustule 6. Septicæmia	I. 2.—1. Gonorrhœa. Purulent ophthalmia. 6. Necrosis (usually from dissection wounds).
ORDER 3.— <i>Dietic</i> .	
I. 3.—1. Privation 2. Purpura and Scurvy 3. Delirium Tremens, { (Alcoholism) 4. Intemperance, }	I. 3.—1. Want of breast milk. 2. Rickets. Bronchocele.
ORDER 4.— <i>Parasitic</i> .	
I. 4.—1. Thrush 2. Worms, &c.	I. 4.—2. Porrigio. Scabies. Tape worm. Hydatids. Trichiniasis.
CLASS II.—CONSTITUTIONAL DISEASES.	
ORDER 1.— <i>Diathetic</i> .	
II. 1.—1. Gout 2. Dropsy 3. Anæmia 4. Cancer 5. Noma (Canker) 6. Mortification	II. 1.—3. Leucocythæmia. 4. Soft cancer. Epithelioma. Sweeps' cancer. Melanosis. Other kinds of cancer. Polypus (part not stated). Lupus. 6. Bed-sore.
ORDER 2.— <i>Tubercular</i> .	
II. 2.—1. Scrofula 2. Tabes Mesenterica 3. Phthisis (Consumption of Lungs) 4. Hydrocephalus	II. 2.—1. Psoas (Lumbar) abscess. White swelling. Cretinism (Goitre). Adenitis, Cellulitis. 2. Tubercular peritonitis. 3. Hæmoptysis. 4. Tubercular meningitis.
CLASS III.—LOCAL DISEASES.	
ORDER 1.— <i>Nervous System</i> .	
III. 1.—1. Cephalitis 2. Apoplexy 3. Paralysis 4. Insanity 5. Chorea 6. Epilepsy 7. Tetanus 8. Convulsions 9. Brain Diseases,* &c.	III. 1.—1. Phrenitis. Myelitis. 4. Monomania. Fright. Grief. Melancholia. Rage. 6. Hysteria. 8. Laryngismus stridulus. 9. Neuralgia. Ophthalmia. Otitis. Dis. of spinal nerve. Necrencephalus (Ramollissement).

* Other diseases of the brain, or diseases of the nervous system, not otherwise distinguished, are referred to this head. *Mutatis mutandis*, the note applies to the corresponding heads in other orders of this class.

CAUSES OF DEATH—(CONTINUED).

TABULAR LIST.	SUPPLEMENTAL LIST.
CLASS III.—(CONTINUED).	
ORDER 2.— <i>Organs of Circulation.</i>	
III. 2.—1. Pericarditis * 2. Aneurism 3. <i>Heart Diseases, &c.</i>	III. 2.—1. Carditis. Endocarditis. 3. Hypertrophia. Angina pectoris. Syncope. Arteritis. Phlebitis. Hydropericardium.
ORDER 3.— <i>Respiratory Organs.</i>	
III. 3.—1. Epistaxis 2. Laryngitis, 3. Bronchitis 4. Pleurisy 5. Pneumonia 6. Asthma 7. <i>Lung Diseases, &c.</i>	III. 3.—2. Edema glottidis. 4. Empyema. Hydrothorax. Diaphragnitis. Pneumothorax. 5. Pulmonary apoplexy. 6. Grinders' asthma. Miners' asthma. Emphysema.
ORDER 4.— <i>Digestive Organs.</i>	
III. 4.—1. Gastritis 2. Enteritis 3. Peritonitis 4. Ascites 5. Ulceration of Intestines 6. Hernia 7. Ileus 8. Intussusception 9. Stricture of Intestines 10. Fistula 11. <i>Stomach Disease, &c.</i> 12. <i>Pancreas Diseases, &c.</i> 13. Hepatitis 14. Jaundice 15. <i>Liver Disease, &c.</i> 16. <i>Spleen Disease, &c.</i>	III. 4.—1. Glossitis. Stomatitis. Pharyngitis. Oesophagitis. 5. Perforation of— 6. Congenital. Femoral. Inguinal. Scrotal. Umbilical. Ventral. 7. Constipation. 9. Strict. oesophagus. 11. Dyspepsia. Pyrosis. Gastralgia. Hæmatemesia. Melæna. Hæmorrhoids. 14. Gall stones. 15. Cirrhosis.
ORDER 5.— <i>Urinary Organs.</i>	
III. 5.—1. Nephritis (Bright's Dis., &c.) . 2. Ischuria 3. Diabetes 4. Calculus (Gravel, &c.) 5. Cystitis 6. <i>Kidney Disease, &c.</i>	III. 5.—1. Albuminuria. 5. Cystirrhæa. 6. Diuresis. Hæmaturia. Dis. of prostate. Dis. of bladder.
ORDER 6.— <i>Generative Organs.</i>	
III. 6.—1. Ovarian Dropsy 2. <i>Disease of Uterus, &c.</i>	III. 6.—1. Ovarian tumor. 2. Hysteritis, Metritis (In- flammation of womb). Uterine tumor. Polypus uteri. Orchitis. Hydrocele.
ORDER 7.— <i>Organs of Locomotion.</i>	
III. 7.—1. Arthritis 2. <i>Joint Disease, &c.</i>	III. 7.—1. Ostitis. Periostitis. 2. Fragilitas ossium. Mollities ossium. Caries. Necrosis. Exostosis. Hip disease. Spine disease.

CAUSES OF DEATH — (CONTINUED).

TABULAR LIST.	SUPPLEMENTAL LIST.
<p>CLASS III. — (CONTINUED).</p> <p>ORDER 8. — <i>Integumentary System.</i></p> <p>III. 8. — 1. Phlegmon</p> <p> 2. Ulcer</p> <p> 3. <i>Skin Diseases, &c.</i></p>	<p>III. 8. — 1. Abscess (part not stated). Boil. Whitlow.</p> <p>3. Roseola. Urticaria. Eczema. Herpes. Pemphigus. Ecthyma. Impetigo. Psoriasis, &c.</p>
<p>CLASS IV. — DEVELOPMENTAL DISEASES.</p> <p>ORDER 1. — <i>Developmental Diseases of Children.</i></p> <p>IV. 1. — 1. Still-born</p> <p> 2. Premature Birth, and Infantile Debility</p> <p> 3. Cyanosis</p> <p> 4. Spina Bifida</p> <p> 5. Other Malformations</p> <p> 6. Teething</p> <p>ORDER 2. — <i>Developmental Diseases of Women.</i></p> <p>IV. 2. — 1. Paramenia</p> <p> 2. Childbirth. (See Metria I. 1.—9)</p> <p>ORDER 3. — <i>Developmental Diseases of Old People.</i></p> <p>IV. 3. — 1. Old Age</p> <p>ORDER 4. — <i>Diseases of Nutrition.</i></p> <p>IV. 4. — 1. Atrophy and Debility . . .</p>	<p>IV. 1. — 2. Atelectasis. 5. Anus imperforatus. Cleft palate. Idiocy.</p> <p>IV. 2. — 1. Chlorosis. Climacteria. Menorrhagia.</p> <p>2. Miscarriage. Abortion. Puerperal mania. Puerperal convulsions. Phlegmasia dolens. Cæsarian operation. Extra-uterine foetation. Flooding. Retention of placenta. Presentation of placenta. Deformed pelvis. Breast abscess.</p>
<p>CLASS V. — VIOLENT DEATHS.</p> <p>ORDER 1. — <i>Accident or Negligence.</i></p> <p>V. 1. — 1. Fractures and Contusions . . .</p> <p> 2. Wounds</p> <p> 3. Burns and Scalds</p> <p> 4. Poison</p> <p> 5. Drowning</p> <p> 6. Suffocation</p> <p> 7. Otherwise*</p> <p> 8. "Casualty"†</p>	<p>V. 1. — 1. Railroad accidents. 5. Lost at sea. 6. Asphyxia. Strangulation.</p> <p>7. Exposure. Cold water. Frozen. Heat. Lightning. Surgical operation.</p>

* Manner stated.

† Manner not stated; return therefore imperfect.

CAUSES OF DEATH—(CONCLUDED).

TABULAR LIST.	SUPPLEMENTAL LIST.
CLASS V.—(CONTINUED).	
ORDER 2.— <i>Infanticide</i> .	
ORDER 3.— <i>Homicide</i> .	
ORDER 4.— <i>Suicide</i> .	
V. 4.—1. Wounds 2. Poison 3. Drowning 4. Hanging 5. Otherwise	
ORDER 5.— <i>Execution</i> .	
V. 5.—1. Hanging Sudden, cause unascertained . . .	

NOTE.—Cases of “infantile fever” are classed with typhoid, relapsing and other continued fevers, under one name, “typhoid fever;” of “rheumatic fever,” with “rheumatism;” of “hemorrhage,” and “abscess,” with the diseases of the part affected (if that is stated, as it should always be, in the return). As “stricture of the urethra” is almost invariably the result of gonorrhœa, it is classed as I. 2.—2. All cases of death returned “unknown,” or of which the cause is not stated, and cases of “tumor,” “inflammation,” or “hemorrhage,” of which the locality or part affected is not mentioned, are classed as unknown, and therefore not included in the foregoing table of specified causes.



